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1965

STATE DOCUMENTS

1965 ESTIMATE OF THE COST OF
COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS
IN THE STATE OF MONTANA

AUGUST 1, 1964

PREPARED BY THE MONTANA HIGHWAY DEPARTMENT
IN COOPERATION WITH THE BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE
IN ACCORDANCE WITH
SECTION 104(B)(5), TITLE 23, U.S. CODE HIGHWAYS

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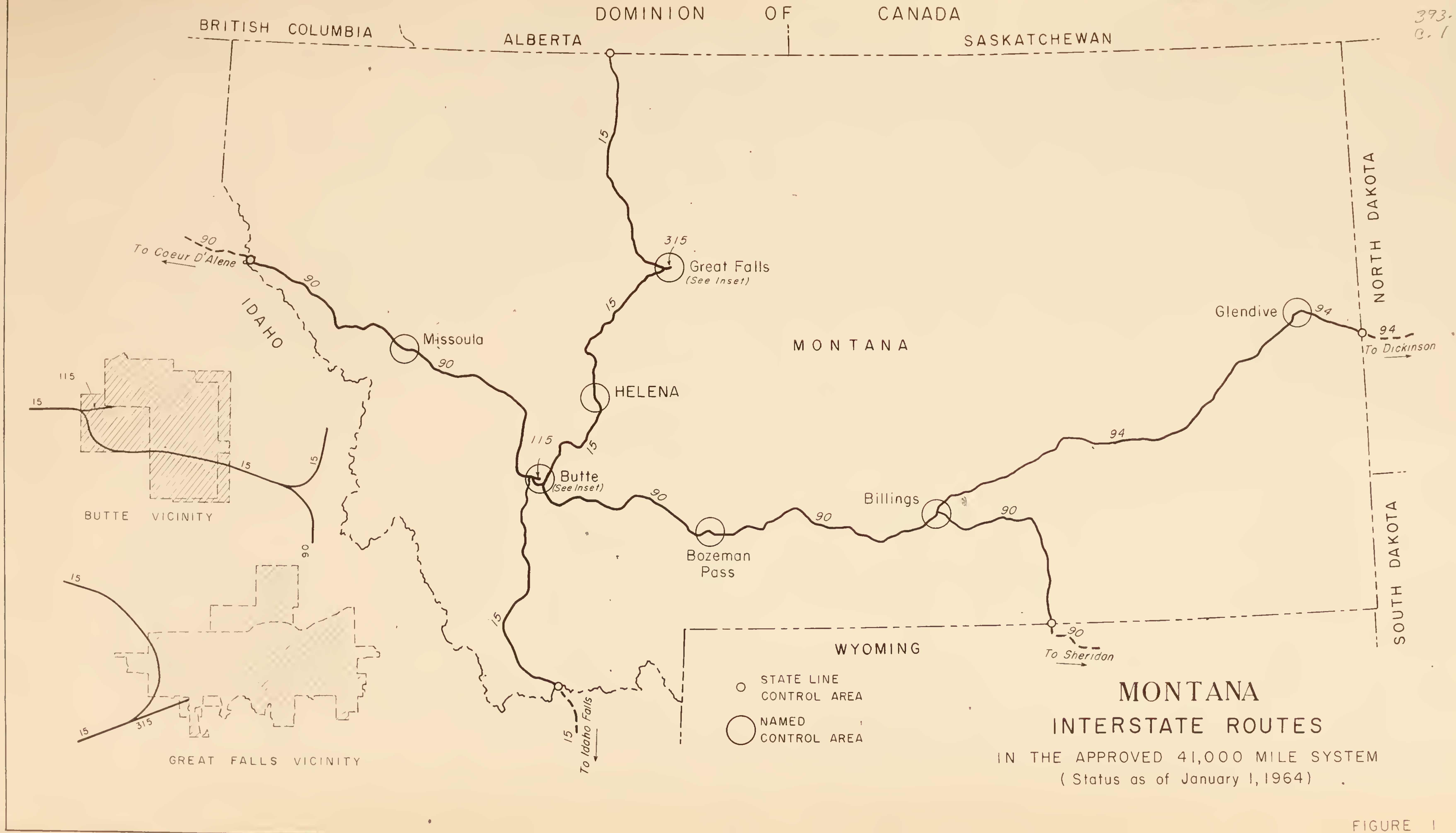

MONTANA

INTERSTATE ROUTES

IN THE APPROVED 41,000 MILE SYSTEM
(Status as of January 1, 1964)

FIGURE 1

TABLE A

APPROVED INTERSTATE ROUTE DESCRIPTIONS

State MONTANA

Route Number	Route Description	Length, Miles
15	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	387.6
90	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	540.6
94	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	247.2
115	From a point on Interstate Route 15 west of Butte, to Butte	1.4
315	From a point on Interstate Route 15 southwest of Great Falls, to Great Falls	0.6
	Total	1177.4

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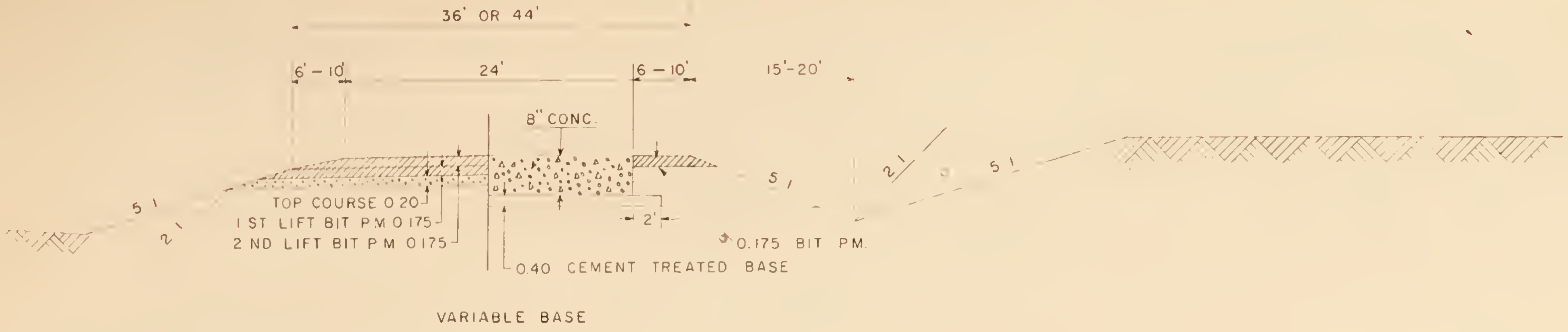
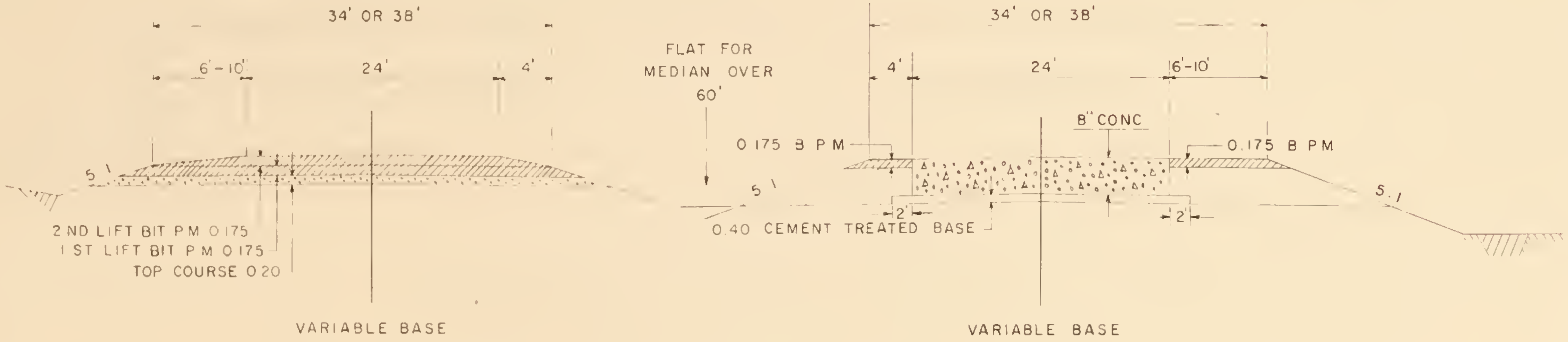
http://www.archive.org/details/estimateofcostof1965mont

2 LANE

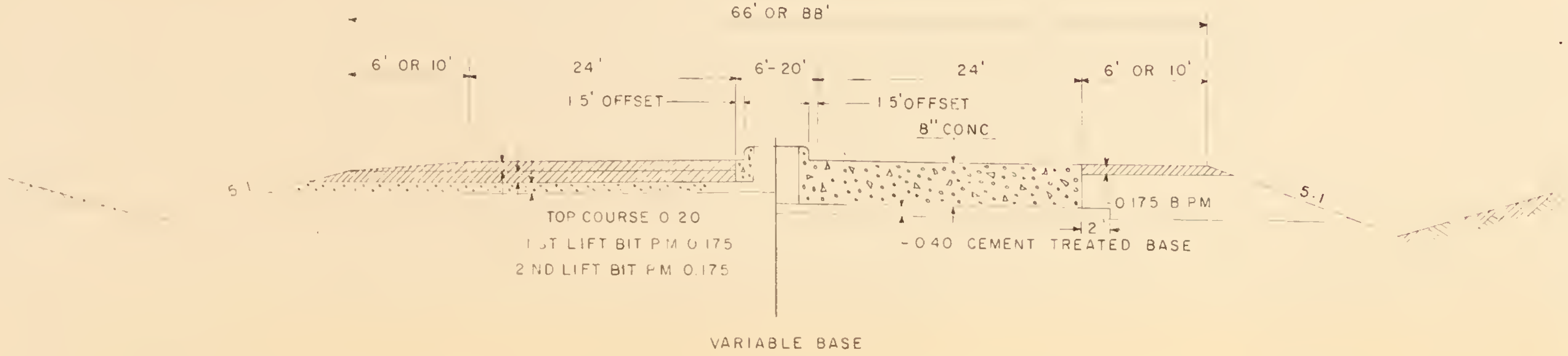


4 LANE DIVIDED

DEPRESSED MEDIAN



CURBED MEDIAN



TYPICAL SECTION REFERENCE CODE

	RIGHT SHOULDER	BIT. SURF.	CONC. SURF.
2 LANE	10'	20	22
	6'	21	23
MEDIAN WIDTH		36' & OVER	36' & OVER
4 LANE DEPRESSED	10'	40	50
	6'	41	51
MEDIAN WIDTH		6' — 20'	6' — 20'
4 LANE CURBED	10'	44 45	54 55

ICE CODE

ONC. SURF.

22

23

'& OVER

50

51

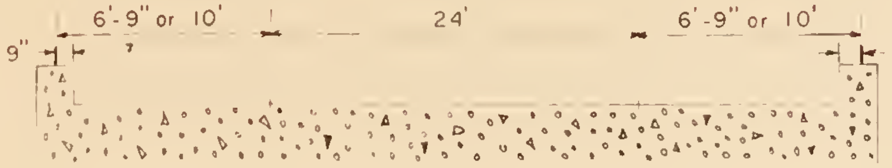
' — 20'

54 55

BRIDGES

SHORT BRIDGE

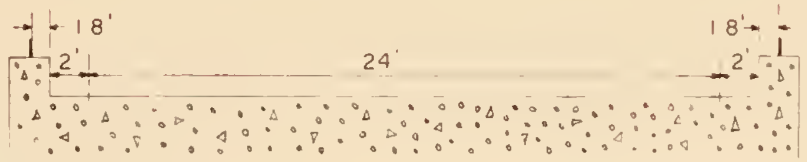
LENGTH 250' OR LESS



CODE:
10' SHOULDER 60
6' SHOULDER 61

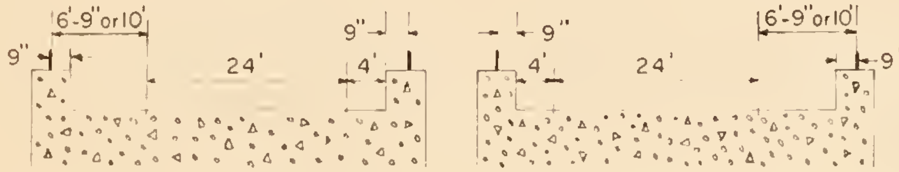
LONG BRIDGE

LENGTH OVER 250'

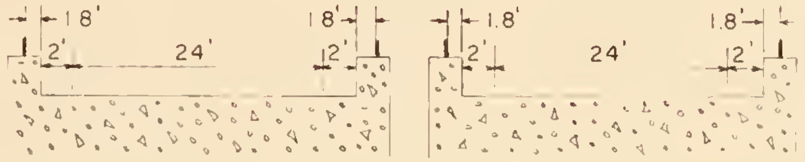


CODE 71

WIDE MEDIAN

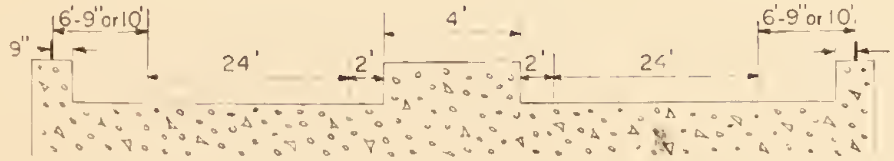


CODE:
10' SHOULDER 62
6' SHOULDER 63

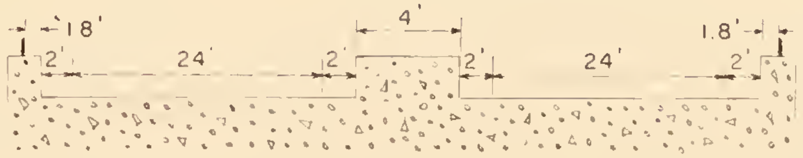


CODE 73

NARROW MEDIAN

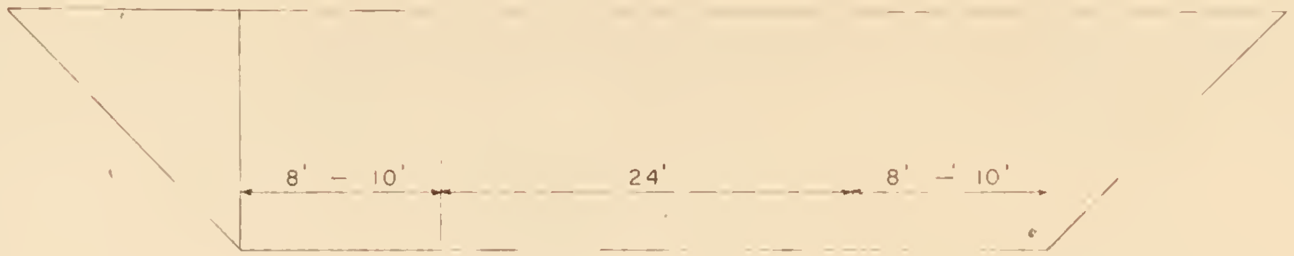


CODE:
10' SHOULDER 64
6' SHOULDER 65



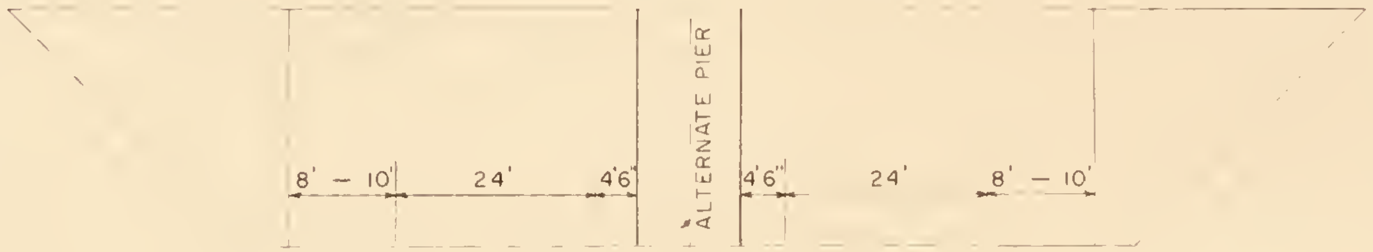
CODE 75

UNDERPASSES



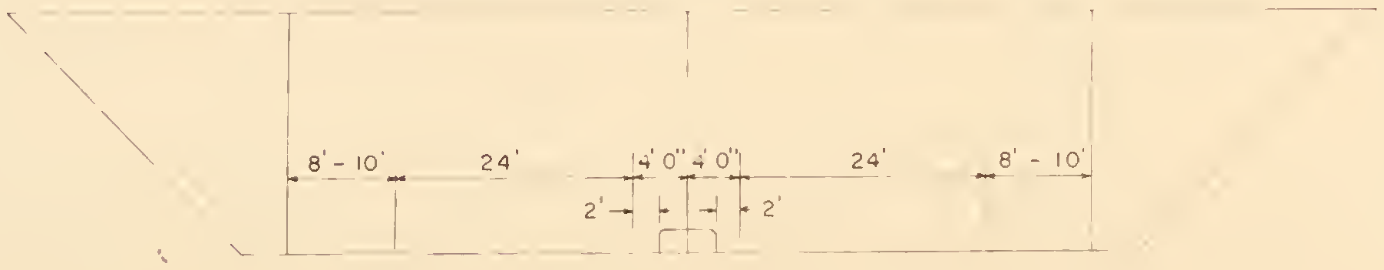
CODE:
10' SHOULDER 80
8' SHOULDER 81

WIDE MEDIAN



CODE:
10' SHOULDER 82
8' SHOULDER 83

NARROW MEDIAN

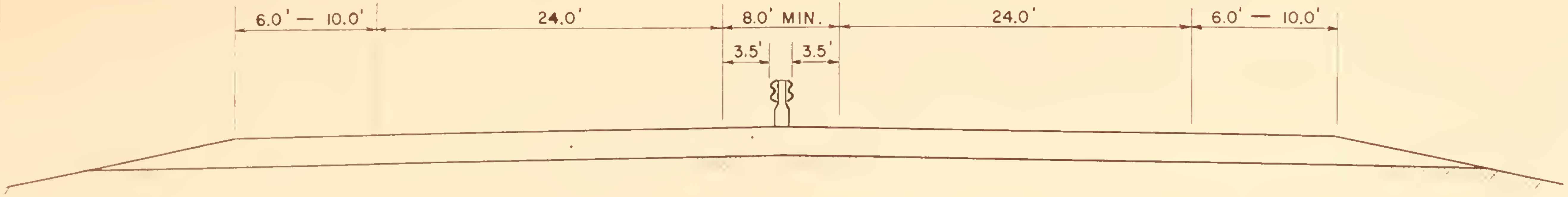


CODE:
10' SHOULDER 84
8' SHOULDER 85

ALTERNATE TYPICAL SECTION FOR NARROW MEDIAN
BARRIER TYPE MEDIAN

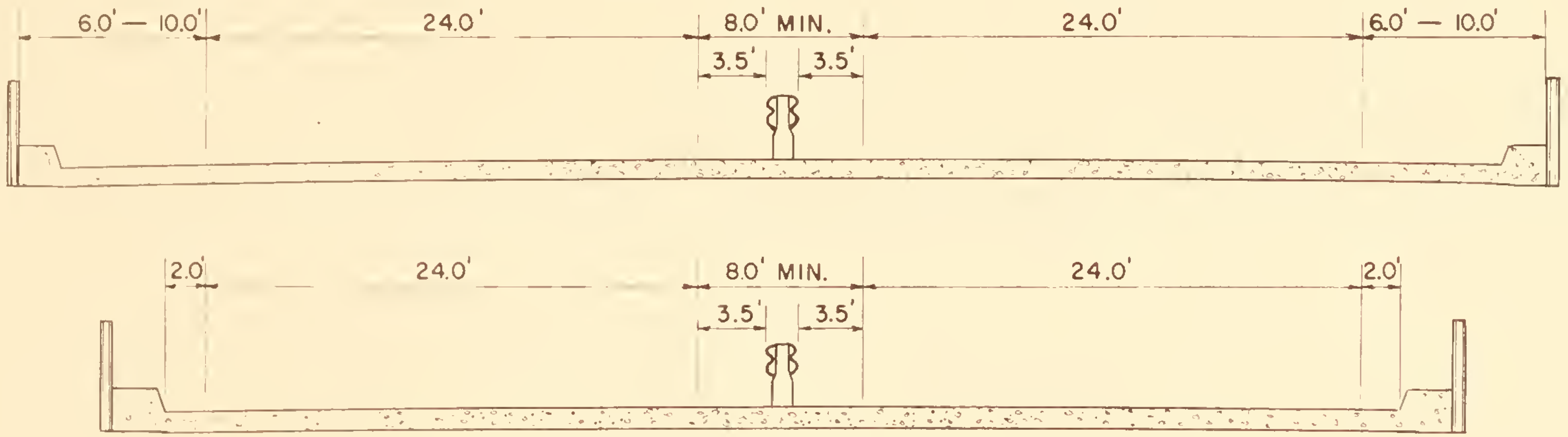
4 LANE DIVIDED

ROADWAY



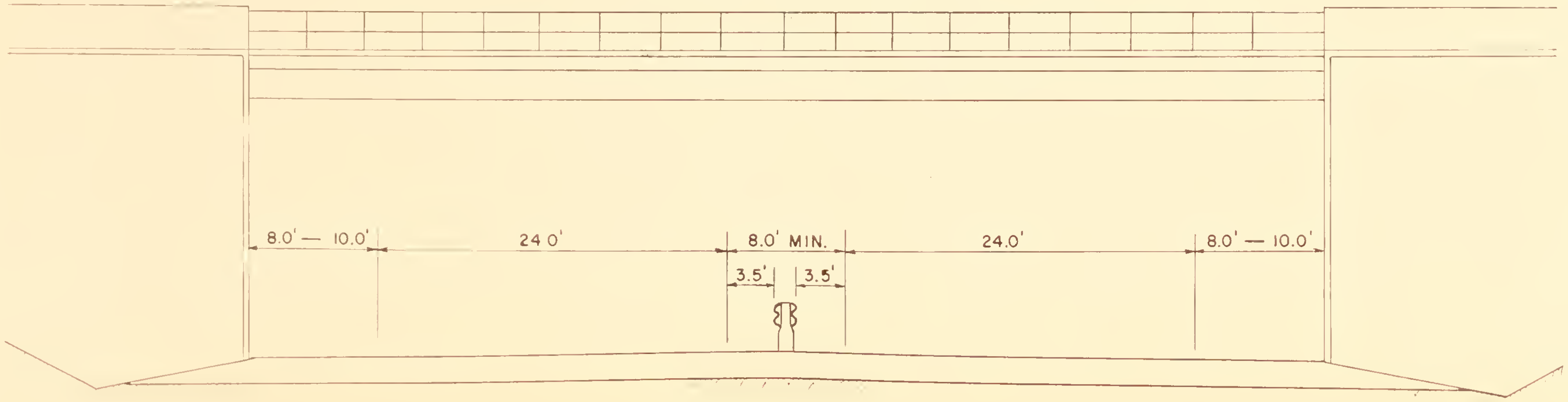
REFERENCE CODES 46, 47, 56 & 57

BRIDGES



REFERENCE CODES 66, 67 & 76

UNDERPASSES



REFERENCE CODES 86 & 87

TYPICAL SECTION REFERENCE CODE

	RIGHT SHOULDER	BIT. SURF.	CONC. SURF.
4 LANE	10'	46	56
8' BARRIER MEDIAN	6'	47	57
10' SHOULDER		66	
6' SHOULDER		67	
2' OFFSET		76	
10' SHOULDER		86	
8' SHOULDER		87	

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

Sheet 1 of 3

PROJECT SECTION (POST MILE LIMITS)	17 - 23	23 - 37	50 - 56	56 - 64	64 - 73	73 - 85	85 - 96	96 - 103	103 - 111	111 - 117	121 - 125	Spur 125	134 - 138
Section length, miles	6.0	13.5	6.786	7.4	9.5	11.9	8.5	6.8	8.2	6.0	3.6	0.9	4.3
Number of Lanes	2	2	2	2	2	2	2	2 & 4	2	2 & 4	4	4	2 & 4
	ESTIMATE (1000 Dollars)												
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	107	123	120	238	125	96	143	63	93	38	165	--	43
3. Clear & Grub; demolition	--	--	--	31	--	15	31	--	--	--	--	--	27
4. Utility Adjustments	8	43	23	6	3	--	4	8	3	1	--	--	15
5. Grade & Drain; minor structures	217	524	716	422	456	704	443	695	468	546	17	5	694
6. Base; surfacing; shoulders	437	1036	600	597	584	729	654	751	601	603	218	69	311
7. R.R. Grade Separations	--	--	--	--	--	--	137	--	--	--	--	--	--
8. Highway grade separations without ramps	59	59	167	59	59	119	--	--	--	--	--	--	--
9. Interchanges, complete	--	348	156	361	167	--	181	373	--	388	588	128	--
10. Other bridges; tunnels	--	--	--	144	--	324	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	60	111	26	73	10	89	56	89	74	16	1	29	102
13. Roadside improvement	6	55	47	7	10	12	41	7	9	3	4	2	5
14. All other items	--	--	124	--	--	--	--	--	--	--	79	--	--
15. Subtotal, lines 3 to 14	787	2175	1859	1700	1289	1992	1547	1923	1155	1557	907	233	1154
16. Construction Engineering & Contingencies, 10% of line 15	79	217	186	170	129	199	155	192	115	156	91	23	115
17. Total Estimated Construction Cost	866	2392	2045	1870	1418	2191	1702	2115	1270	1713	998	256	1269

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

Sheet 2 of 3

PROJECT SECTION (POST MILE LIMITS)	138-144	144-150	150-157	157-163	163-168	168-173	173-178	178-182	221-228	228-232	230-233	233-238	259-267
Section length, miles	6.0	6.0	7.0	5.4	4.8	5.3	5.3	4.1	7.232	3.4	3.2	4.642	7.9
Number of Lanes	4	4	2 & 4	2 & 4	4	2	4	4	4	4	4	4	4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	26	13	117	46	58	53	282	43	124	69	150	85	139
3. Clear & Grub; demolition	181	197	137	41	67	--	70	69	--	--	31	46	--
4. Utility Adjustments	28	35	27	16	21	53	43	46	8	7	3	79	6
5. Grade & Drain; minor structures	3591	3118	2481	1287	801	722	697	761	1505	517	366	2248	584
6. Base; surfacing; shoulders	616	668	689	512	449	371	578	481	1018	462	409	515	908
7. R.R. Grade Separations	--	--	--	--	--	--	--	175	242	--	--	--	--
8. Highway grade separations without ramps	--	--	73	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	198	--	--	198	237	271	251	--	--	248	95
10. Other bridges; tunnels	--	--	77	--	--	--	--	--	890	1323	2320	860	--
11. Walls	140	70	--	--	--	24	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	227	188	156	95	135	78	73	58	227	117	113	162	52
13. Roadside improvement	6	6	8	3	81	4	5	5	7	4	84	4	11
14. All other items	--	--	--	--	--	--	--	--	--	--	168	--	--
15. Subtotal, lines 3 to 14	4789	4282	3846	1954	1554	1450	1703	1866	4148	2430	3494	4162	1656
16. Construction Engineering & Contingencies, 10% of line 15	479	428	385	195	155	145	180	187	415	243	349	416	166
17. Total Estimated Construction Cost	5268	4710	4231	2149	1709	1595	1873	2053	4563	2673	3843	4578	1822

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

Sheet 3 of 3

PROJECT SECTION (POST MILE LIMITS)	267-269	Spur 268	269-272	280-290	291-298	298-312	323-334	334-342	343-351	369-378			
Section length, miles	2.042	0.573	2.990	9.8	7.0	13.8	11.5	8.0	8.1	9.2			
Number of Lanes	4	4	4	2 & 4	2	2 & 4	4	2	2 & 4	2			
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--			
2. Right-of-Way	--	--	--	224	142	665	--	--	195	112			
3. Clear & Grub; demolition	--	--	--	--	--	--	--	--	--	--			
4. Utility Adjustments	--	14	--	4	39	44	3	4	58	--			
5. Grade & Drain; minor structures	233	70	Contracted	684	325	385	882	434	744	467			
6. Base; surfacing; shoulders	433	96	606	1024	459	731	1506	600	830	668			
7. R.R. Grade Separations	--	71	509	--	--	--	126	--	--	--			
8. Highway grade separations without ramps	104	118	178	168	--	52	--	46	58	93			
9. Interchanges, complete	516	--	447	203	186	341	621	171	203	152			
10. Other bridges; tunnels	--	--	Contracted	--	--	200	159	29	775	--			
11. Walls	--	--	--	--	--	--	--	--	--	--			
12 Guardrail; fencing; lighting; traffic control devices	33	34	--	154	92	103	88	62	61	96			
13. Roadside improvement	2	1	--	10	7	77	11	8	8	9			
14. All other items	--	23	--	--	--	--	35	--	33	--			
15. Subtotal, lines 3 to 14	1321	427	1740	2247	1108	1933	3431	1354	2770	1485			
16. Construction Engineering & Contingencies, 10% of line 15	132	43	174	225	111	193	343	135	277	149		Total This Est.	Total In 1965 Est.
17. Total Estimated Construction Cost	1453	470	1914	2472	1219	2126	3771	1489	3047	1634		80767	78110

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

Sheet 1 of 3

PROJECT SECTION (POST MILE LIMITS)	17 - 23	23 - 37	50 - 56	56 - 64	64 - 73	73 - 85	85 - 96	96 - 103	103 - 111	111 - 117	121 - 125	Spur 125	134 - 138
Section length, miles	6.0	13.5	6.786	7.4	9.5	11.9	8.5	6.8	8.2	6.0	3.6	0.9	4.3
Number of Lanes	2	2	2	2	2	2	2	2 & 4	2	2 & 4	4	4	2 & 4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	107	123	120	238	125	96	143	63	93	38	165	--	43
3. Clear & Grub; demolition	--	--	--	31	--	15	31	--	--	--	--	--	27
4. Utility Adjustments	8	43	23	6	3	--	4	8	3	1	--	--	15
5. Grade & Drain; minor structures	217	524	716	422	456	704	443	695	468	546	17	5	694
6. Base; surfacing; shoulders	437	1036	600	597	584	729	654	751	601	603	218	69	311
7. R.R. Grade Separations	--	--	--	--	--	--	137	--	--	--	--	--	--
8. Highway grade separations without ramps	59	59	167	59	59	119	--	--	--	--	--	--	--
9. Interchanges, complete	--	348	156	361	167	--	181	373	--	388	588	128	--
10. Other bridges; tunnels	--	--	--	144	--	324	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	60	111	26	73	10	89	56	89	74	16	1	29	102
13. Roadside improvement	6	55	47	7	10	12	41	7	9	3	4	2	5
14. All other items	--	--	124	--	--	--	--	--	--	--	79	--	--
15 Subtotal, lines 3 to 14	787	2175	1859	1700	1289	1992	1547	1923	1155	1557	907	233	1154
16. Construction Engineering & Contingencies, 10% of line 15	79	217	186	170	129	199	155	192	115	156	91	23	115
17. Total Estimated Construction Cost	866	2392	2045	1870	1418	2191	1702	2115	1270	1713	998	256	1269

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

PROJECT SECTION (POST MILE LIMITS)	138-144	144-150	150-157	157-163	163-168	168-173	173-178	178-182	221-228	228-232	230-233	233-238	259-267
Section length, miles	6.0	6.0	7.0	5.4	4.8	5.3	5.3	4.1	7.232	3.4	3.2	4.642	7.9
Number of Lanes	4	4	2 & 4	2 & 4	4	2	4	4	4	4	4	4	4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	26	13	117	46	58	53	282	43	124	69	150	85	139
3. Clear & Grub; demolition	181	197	137	41	67	--	70	69	--	--	31	46	--
4. Utility Adjustments	28	35	27	16	21	53	43	46	8	7	3	79	6
5. Grade & Drain; minor structures	3591	3118	2481	1287	801	722	697	761	1505	517	366	2248	584
6. Base; surfacing; shoulders	616	668	689	512	449	371	578	481	1018	462	409	515	908
7. R.R. Grade Separations	--	--	--	--	--	--	--	175	242	--	--	--	--
8. Highway grade separations without ramps	--	--	73	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	198	--	--	198	237	271	251	--	--	248	95
10. Other bridges; tunnels	--	--	77	--	--	--	--	--	890	1323	2320	860	--
11. Walls	140	70	--	--	--	24	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	227	188	156	95	135	78	73	58	227	117	113	162	52
13. Roadside improvement	6	6	8	3	81	4	5	5	7	4	84	4	11
14. All other items	--	--	--	--	--	--	--	--	--	--	168	--	--
15. Subtotal, lines 3 to 14	4789	4282	3846	1954	1554	1450	1703	1866	4148	2430	3494	4162	1656
16. Construction Engineering & Contingencies, 10% of line 15	479	428	385	195	155	145	180	187	415	243	349	416	166
17. Total Estimated Construction Cost	5268	4710	4231	2149	1709	1595	1873	2053	4563	2673	3843	4578	1822

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 15

Sheet 3 of 3

PROJECT SECTION (POST MILE LIMITS)	267-269	Spur 268	269-272	280-290	291-298	298-312	323-334	334-342	343-351	369-378			
Section length, miles	2.042	0.573	2.990	9.8	7.0	13.8	11.5	8.0	8.1	9.2			
Number of Lanes	4	4	4	2 & 4	2	2 & 4	4	2	2 & 4	2			
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--			
2. Right-of-Way	--	--	--	224	142	665	--	--	195	112			
3. Clear & Grub; demolition	--	--	--	--	--	--	--	--	--	--			
4. Utility Adjustments	--	14	--	4	39	44	3	4	58	--			
5. Grade & Drain; minor structures	233	70	Contracted	684	325	385	882	434	744	467			
6. Base; surfacing; shoulders	433	96	606	1024	459	731	1506	600	830	668			
7. R.R. Grade Separations	--	71	509	--	--	--	126	--	--	--			
8. Highway grade separations without ramps	104	118	178	168	--	52	--	46	58	93			
9. Interchanges, complete	516	--	447	203	186	341	621	171	203	152			
10. Other bridges; tunnels	--	--	Contracted	--	--	200	159	29	775	--			
11. Walls	--	--	--	--	--	--	--	--	--	--			
12 Guardrail; fencing; lighting; traffic control devices	33	34	--	154	92	103	88	62	61	96			
13. Roadside improvement	2	1	--	10	7	77	11	8	8	9			
14. All other items	--	23	--	--	--	--	35	--	33	--			
15. Subtotal, lines 3 to 14	1321	427	1740	2247	1108	1933	3431	1354	2770	1485			
16. Construction Engineering & Contingencies, 10% of line 15	132	43	174	225	111	193	343	135	277	149		Total This Est.	Total In 1965 Est.
17. Total Estimated Construction Cost	1453	470	1914	2472	1219	2126	3771	1489	3047	1634		80767	78110

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G1 - G2	G2 - G3	G3 - G4	G4 - G5	G5 - G6	G6 - G7	G7 - G8.1	G8.1 - G8.2	G8.2 - G9	G9 - G10	G10 - G11.1	G11.1 - G11.2	G11.2 - G12
1. Section length, miles	1.6	10.5	5.0	6.0	1.9	12.2	7.8	5.3	3.8	2.9	6.5	9.8	2.8
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	E	E	E	N	N	N	N	E	E	N	N	N
4. Design Speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70
5. Traffic: ADT 1962	510	527	567	567	542	538	586	850	850	994	1060	650	630
6. Traffic: a. ADT 1975	1250	1250	1300	1300	1250	1250	1350	2000	2000	2300	2500	1500	1450
b. DHV 1975	160	1600	160	160	160	160	170	250	250	290	310	190	180
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	15	15	15	15	15	15	15	15	15	15	15	10	10
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
8. Traffic ADT 1990	1750	1800	1800	1950	1850	1850	2000	2900	2900	3400	3600	2200	2150
9. Traffic: a. Design Year	1975	1975	1975	1987	1987	1987	1975	1975	1984	1984	1987	1988	1988
b. ADT Design year	1250	1250	1300	1800	1850	1700	1350	2000	2500	2900	3350	2100	2100
c. DHV Design year	160	160	160	230	210	210	170	250	310	360	420	260	260
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	15	15	15	15	15	15	15	15	15	15	15	10	10
f. Assigned Corridor Traffic ADT design year	---	---	---	---	---	---	---	---	---	---	---	---	---
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
11. Mileage without frontage roads	1.6	11.2	4.4	---	0.9	12.2	7.8	---	3.8	---	5.5	8.3	2.8
12. Mileage with frontage road one side only	---	---	---	5.5	---	---	---	5.3	---	.7	1.0	1.5	---
13. Mileage with frontage roads on both sides	---	---	---	0.5	1.0	---	---	---	---	2.2	---	---	---
14. Typical cross-section reference	20	20	20	20	20	20	20	20	20	20	20	20	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	---	---	---	---	---	---	---	---	---	---	---	---	---
Prevailing	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 2 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G12 - G13	G13 - G14	G14 - G15	G15 - G16	G 16 - G 17.0.1	G 17.0.1- G 17.0.2	G 17.0.2 -G 18.1	G18.1 - G18.2	G18.2 - G18.3	G18.3 - G19	G19 - G20.1	G20.1 - G20.2	G20.2 - G20.3
1. Section length, miles	9.1	5.7	3.3	5.5	10.2	3.0	1.7	1.3	1.7	1.0	1.5	3.5	3.8
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	U
3. Location - existing, new or toll	N	N	N	E	E	E	E	E	E	E	E	E	N
4. Design Speed (V)	70	70	70	50	60	60	60	70	70	70	70	70	60
5. Traffic: ADT 1962	630	630	739	739	826	800	800	800	855	855	1128	5086	4770
6. Traffic: a. ADT 1975	1450	1450	1700	1700	1900	1850	1850	1850	2000	2000	2700	11850	11500.
b. DHV 1975	180	180	210	210	240	230	230	230	250	250	340	1530	1360
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	60	60	60
d. Percent trucks, (T), 1975	10	10	10	10	10	9	9	9	9	9	12	8	7
7. Number of through traffic lanes (1975 traffic)	2	2	2	4	2	4	2	2	2	4	4	4	4
8. Traffic ADT 1990	2150	2150	2500	2500	2800	2750	2750	2750	2900	2900	4000	17350	16800
9. Traffic: a. Design Year	1988	1988	1989	1989	1988	1990	1990	1990	1975	1955	1975	1986	1975
b. ADT Design year	2050	2050	2450	2450	2800	2750	2750	2750	2000	2000	2700	15750	11500
c. DHV Design year	260	260	300	300	350	340	340	340	250	250	340	1860	1360
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	60	60	60
e. Percent trucks (T), design year	10	10	10	10	9	9	9	9	9	9	12	8	7
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	2	2	4	2	4	2	2	2	4	4	4	4
11. Mileage without frontage roads	--	--	3.3	4.5	3.2	2.5	1.7	1.3	1.7	1.0	1.0	3.5	3.8
12. Mileage with frontage road one side only	7.6	5.7	---	1.0	7.0	.5	---	---	---	---	---	---	---
13. Mileage with frontage roads on both sides	1.5	---	---	---	---	---	---	---	---	---	0.5	---	---
14. Typical cross-section reference	20	20	20	20	20	40	20	20	20	40	40	40	50
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	---	---	---	---	---	46	---	---	---	36	36	76	36
Prevailing	---	---	---	---	---	46	---	---	---	36	36	76	36

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 3 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G20.3 - G20.4	G20.4 - G21	G21 - G22.1	G22.1 - G22.2	G22.2 - G22.3	G22.3 - G22.4	G22.4 - G23.0.1	G23.0.1 - G23.0.2	G23.0.2 - G24	G 24 - G 25.0.1	G 25.0.1- G 25.0.2	G25.0.2 - G26.1	G26.1 - G26.2
1. Section length, miles	1.2	0.6	3.6	3.6	2.7	5.8	8.9	3.2	3.2	8.0	4.3	4.9	3.8
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	N	N	N	N	N	E	E	E	E	E
4. Design Speed (V)	60	60	60	60	50	50	50	60	60	50	60	60	60
5. Traffic: ADT 1962	1720	1720	417	660	660	660	660	941	941	941	924	1230	1230
6. Traffic: a. ADT 1975	4150	4150	1000	1550	1550	1550	1550	2250	2250	2250	2250	2950	2950
b. DHV 1975	670	560	130	220	220	220	220	330	330	330	330	430	430
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	8	11	12	12	12	12	12	13	13	13	13	13	13
7. Number of through traffic lanes (1975 traffic)	4	4	2	2	4	4	4	2	2	4	2	4	4
8. Traffic ADT 1990	6050	6050	1450	2250	2250	2250	2250	3400	3400	3400	3350	4450	4450
9. Traffic: a. Design Year	1975	1975	1975	1984	1990	1990	1990	1988	1988	1988	1987	1987	1987
b. ADT Design year	4150	4150	1000	2250	2250	2250	2250	3150	3150	3150	3100	4100	4100
c. DHV Design year	560	560	130	310	310	310	310	460	460	460	450	600	600
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	11	11	12	12	12	12	12	13	13	13	13	13	13
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	2	2	4	4	4	2	2	4	2	4	4
11. Mileage without frontage roads	1.2	0.6	3.6	0.6	1.7	5.8	7.0	2.2	2.7	6.8	1.0	3.9	1.8
12. Mileage with frontage road one side only	--	--	--	3.0	1.0	--	1.9	1.0	0.5	--	4.0	1.0	2.0
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	--	.5	--	--
14. Typical cross-section reference	50	50	20	20	46	46	46	20	20	46	2	4	4
15. Right-of-way width: Minimum	250	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	250	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	36	36	--	--	8	8	8	--	--	8	--	46	46
Prevailing	36	36	--	--	8	8	8	--	--	8	--	46	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 4 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G26.2 - G27	G27 - G28.1	G28.1 - G28.2	G28.2 - G28.3	G28.3 - G29	G29 - G30	G30 - G30.1	G31.1 - G31.2	G31.2 - G32.0.1	G32.0.1 - G32.0.2	G32.0.2 H1	H1 - H2.0.1	H2.0.1 H2.0.2
1. Section length, miles	0.6	2.2	0.4	0.2	1.2	6.1	2.1	7.7	1.0	4.0	3.4	8.2	2.7
2. Class - rural or urban	R	R	U	U	U	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	N	N	N	N	N	E	E	E	E	N	N
4. Design Speed (V)	60	70	70	70	70	70	70	50	60	70	70	50	50
5. Traffic: ADT 1962	1230	1538	1426	1426	1426	1336	1207	1207	1082	1082	1082	1057	1025
6. Traffic: a. ADT 1975	2950	3700	3550	3550	3550	3300	3000	3000	2700	2700	2700	2650	2550
b. DHV 1975	430	520	460	460	460	480	440	440	390	390	390	380	370
c. Directional distribution factor (d), 1975	55	60	60	60	60	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	13	13	9	9	9	15	15	15	15	15	15	15	15
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	4	2	2	4	4	4
8. Traffic ADT 1990	4450	5550	5300	5300	5050	5050	4550	4550	4100	4100	4100	3850	3800
9. Traffic: a. Design Year	1987	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1984
b. ADT Design year	4100	3700	3550	3550	3550	3300	3000	3000	2700	2700	2700	2650	3300
c. DHV Design year	600	520	460	460	460	480	440	440	390	390	390	380	480
d. (D) Design year	55	60	60	60	60	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	13	13	9	9	9	15	15	15	15	15	15	15	15
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	2	2	4	4	4
11. Mileage without frontage roads	0.6	1.3	0.4	0.2	1.2	1.0	2.1	7.7	1.0	4.0	1.9	8.2	1.7
12. Mileage with frontage road one side only	---	0.9	---	---	---	5.1	---	---	---	---	1.5	---	1.0
13. Mileage with frontage roads on both sides	---	---	---	---	---	---	---	---	---	---	---	---	---
14. Typical cross-section reference	4	40	40	73	40	40	40	46	20	20	40	47	47
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	46	46	46	46	46	46	46	8	---	---	46	8	8
Prevailing	46	46	46	46	46	46	46	8	---	---	46	8	8

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 5 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	H 2.0.2- H 3	H 3 - H 4.0.1	H 4.0.1 - H 4 0.2	H 4.0.2- H 5	H 5 - H 6	H 6 - H 7.1	H 7.1 - H 7.2	H 7.2 - H 8	H 8 - H 9.1	H 9.1 - H 9.2	H 9.2 - H 10	H 10 - H 11.0.1	H 11.0.1 H 11.0.2
1. Section length, miles	3.7	3.3	2.8	1.0	3.3	3.1	1.4	2.5	5.7	1.5	4.0	2.9	4.4
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	E	N	N	N	E	N	E	N	N	N	N
4. Design Speed (V)	50	50	50	50	50	50	50	60	60	70	70	70	70
5. Traffic: ADT 1962	1051	1060	1060	1060	1060	1148	1148	1148	1212	1460	1460	1460	1460
6. Traffic: a. ADT 1975	2600	2650	2650	2650	2650	2850	2850	2850	3000	3500	3500	3500	3500
b. DHV 1975	380	380	380	380	380	410	410	410	440	510	510	510	510
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	14	14	14	14	14	14	14	14	14	15	15	15	15
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	2	2	2	2	4	2
8. Traffic ADT 1990	3950	4000	4000	4000	4000	4350	4350	4350	4600	5250	5250	5250	5250
9. Traffic: a. Design Year	1985	1985	1985	1985	1985	1985	1985	1975	1975	1975	1975	1975	1975
b. ADT Design year	3500	3500	3500	3500	3500	3800	3800	2850	3000	3500	3500	3500	3500
c. DHV Design year	510	510	510	510	510	550	550	410	440	510	510	510	510
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	14	14	14	14	14	14	14	14	14	15	15	15	15
f. Assigned Corridor Traffic ADT design year	--	-- -	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	2	2	2	2	4	2
11. Mileage without frontage roads	1.7	3.3	0.8	1.0	2.3	1.7	1.4	2.5	3.2	0.5	4.0	2.9	4.4
12. Mileage with frontage road one side only	2.0	--	2.0	--	1.0	1.4	--	--	2.5	--	--	--	--
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	1.0	--	--	--
14. Typical cross-section reference	46	40	47	47	47	47	46	20	20	20	20	40	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	8	46	8	8	8	8	8	--	--	--	--	76	--
Prevailing	8	46	8	8	8	8	8	--	--	--	--	76	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 6 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	H 11.0.2 - H 12	H 12 - H 13	H 13 - H 14	H 14 - H 15	H 15 - H 16	H 16 - H 17	H 17 - H 18	H 18 - H 19	H 19 - H 20.0.1	H 20.0.1- H 20.0.2	H 20.0.2- H 21.1	H 21.1 - H 21.2	H 21.2- H 22
1. Section length, miles	1.0	2.6	4.3	1.4	0.5	1.3	1.9	1.3	7.0	7.5	2.3	7.0	8.8
2. Class - rural or urban	R	R	R	R	R	U	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	N	N	N	N	N	N	N	N	E	E	E	E
4. Design Speed (V)	70	70	70	60	60	70	70	70	70	70	70	70	70
5. Traffic: ADT 1962	1460	1935	1935	3800	2950	2950	3360	4256	4070	1313	1289	1189	1268
6. Traffic: a. ADT 1975	3500	4650	4650	9150	7100	7100	8100	10250	9800	3150	3100	2850	3050
b. DHV 1975	510	670	670	1100	850	850	970	1140	1090	440	430	400	430
c. Directional distribution factor (d), 1975	55	55	55	55	60	60	60	55	55	55	55	55	55
d. Percent trucks, (T), 1975	15	15	15	12	10	10	10	12	12	15	15	15	15
7. Number of through traffic lanes (1975 traffic)	2	4	4	4	4	4	4	4	4	2	2	2	2
8. Traffic ADT 1990	5250	6950	6950	13700	10600	10600	12100	15300	14650	4700	4650	4300	4550
9. Traffic: a. Design Year	1975	1986	1986	1986	1984	1984	1984	1975	1975	1989	1989	1990	1990
b. ADT Design year	4750	6300	6300	11700	9100	9100	10350	10250	9800	4600	4550	4300	4550
c. DHV Design year	690	910	910	1400	1090	1090	1240	1140	1090	640	640	600	640
d. (D) Design year	55	55	55	55	60	60	60	55	55	55	55	55	55
e. Percent trucks (T), design year	15	15	15	12	10	10	10	12	12	15	15	15	15
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	4	2	2	2
11. Mileage without frontage roads	1.0	--	--	1.1	0.2	1.0	.9	--	--	6.8	1.3	6.4	3.8
12. Mileage with frontage road one side only	--	2.6	3.8	0.3	0.3	0.3	1.0	1.3	6.0	0.2	1.0	0.6	3.0
13. Mileage with frontage roads on both sides	--	--	0.5	--	--	--	--	--	1.0	0.5	--	--	2.0
14. Typical cross-section reference	40	40	40	50	50	50	50	40	40	40	20	20	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	250	250	250
Prevailing	400	300	300	300	300	300	300	300	300	300	250	250	250
16. Median width: Minimum	76	76	76	46	46	46	46	46	46	46	--	--	--
Prevailing	76	76	76	46	46	46	46	46	46	46	--	--	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 7 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	H 22 - H 23.1	H 23.1 - H 23.2	H 23.2 - H 24	H 24 - H 25.0.1	H 25.0.1- H 25.0.2	H 25.0.2- I 1.0.1	I 1.0.1 -I 1.0.2	I 1.0.2 - I 2	I 2 - I 3	I 3 - I 4	I 4 - I 5	I 5 - I 6.1	I 6.1 - I 6.2
1. Section length, miles	2.7	2.3	1.0	2.8	7.7	5.4	6.3	8.3	1.3	4.1	2.7	3.0	2.6
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	E	E	N	N	N	N	N	E	E	E	E
4. Design Speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70
5. Traffic: ADT 1962	1189	1189	1189	1189	1360	1400	1560	1155	1135	1135	1150	359	933
6. Traffic: a. ADT 1975	2850	2850	2850	2850	3300	3350	3750	2800	2750	2750	2750	890	2250
b. DHV 1975	400	400	400	400	460	470	530	390	390	390	390	120	320
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	15	15	15	15	15	15	13	14	14	14	14	15	18
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	2	2	2	2	2	4	2	4	2
8. Traffic ADT 1990	4300	4300	4300	4300	4900	5050	5600	4150	4150	4150	4150	1350	3350
9. Traffic: a. Design Year	1990	1990	1975	1975	1975	1975	1988	1987	1987	1987	1990	1975	1975
b. ADT Design year	4300	4300	2850	2850	3300	4800	5350	3850	3800	3800	4650	890	2250
c. DHV Design year	600	600	400	400	460	670	750	540	530	530	580	120	320
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	15	15	15	15	15	15	13	14	14	14	14	15	18
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	2	2	2	2	4	4	2	2	4	2	4	2
11. Mileage without frontage roads	1.7	1.8	--	--	7.0	3.9	6.3	8.3	1.3	2.5	2.2	2.0	2.0
12. Mileage with frontage road one side only	1.0	0.5	1.0	2.8	0.7	1.0	--	--	--	1.6	--	0.7	0.6
13. Mileage with frontage roads on both sides	--	--	--	--	--	0.5	--	--	--	--	0.5	0.3	--
14. Typical cross-section reference	40	20	20	20	20	40	40	20	20	40	20	40	20
15. Right-of-way width: Minimum	300	250	250	250	250	300	300	250	250	300	250	300	250
Prevailing	300	250	250	250	250	300	300	250	250	300	250	300	250
16. Median width: Minimum	46	--	--	--	--	46	--	--	--	46	--	56	--
Prevailing	46	--	--	--	--	46	--	--	--	46	--	56	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 8 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
		Frontage Roads									Sub Total		
	I 6.2 - I 7	I 7 - I 8.1	I 8.1 - I 8.2	I 8.2- I 9	I 9 - I 10	I 10- I 11					Rural	Urban	Total
1. Section length, miles	12.0	9.2	4.2	3.3	0.9	0.3					380.7	6.9	387.6
2. Class - rural or urban	R	R	R	R	R	R					xxx	xxx	xxx
3. Location - existing, new or toll	E	E	E	E	E	E					xxx	xxx	xxx
4. Design Speed (V)	70	70	70	70	70	70					xxx	xxx	xxx
5. Traffic: ADT 1962	860	879	633	633	633	633					xxx	xxx	xxx
6. Traffic: a. ADT 1975	2050	2100	1500	1500	1500	1500					xxx	xxx	xxx
b. DHV 1975	290	290	210	210	210	210					xxx	xxx	xxx
c. Directional distribution factor (d), 1975	55	55	55	55	55	55					xxx	xxx	xxx
d. Percent trucks, (T), 1975	18	15	15	15	15	15					xxx	xxx	xxx
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	4	4					xxx	xxx	xxx
8. Traffic ADT 1990	3100	3150	2300	2300	2300	2300					xxx	xxx	xxx
9. Traffic: a. Design Year	1975	1984	1975	1975	1975	1975					xxx	xxx	xxx
b. ADT Design year	2050	2700	1500	1500	1500	1500					xxx	xxx	xxx
c. DHV Design year	290	380	210	210	210	210					xxx	xxx	xxx
d. (D) Design year	55	55	55	55	55	55					xxx	xxx	xxx
e. Percent trucks (T), design year	18	15	15	15	15	15					xxx	xxx	xxx
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--					xxx	xxx	xxx
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	4	4					xxx	xxx	xxx
11. Mileage without frontage roads	11.0	3.2	4.2	3.3	0.9	0.3					263.9	6.6	270.5
12. Mileage with frontage road one side only	--	5.0	--	--	--	--					101.8	0.3	102.1
13. Mileage with frontage roads on both sides	1.0	1.0	--	--	--	--					15.0	--	15.0
14. Typical cross-section reference	20	20	20	20	40	40					xxx	xxx	xxx
15. Right-of-way width: Minimum	250	250	250	250	300	300					xxx	xxx	xxx
Prevailing	250	250	250	250	300	300					xxx	xxx	xxx
16. Median width: Minimum	--	--	--	--	50	7					xxx	xxx	xxx
Prevailing	--	--	--	--	50	76					xxx	xxx	xxx

Signatures:

Date Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date Aug. 1, 1964

B.P.R. District Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION													
	G 1 - G 2	G 2 - G 3	G 3 - G 4	G 4 - G 5	G 5 - G 6	G 6 - G 7	G 7 - G 8.1	G 8.1 - G 8.2	G 8.2 - G 9	G 9 - G 10	G 10 - G 11.1	G 11.1 - G 11.2	G 11.2 - G 12	G 12 - G 13
Section length, miles (0.1 mile)	1.6	10.5	5.0	6.0	1.9	12.2	7.8	5.3	3.8	2.9	6.5	9.8	2.8	9.1
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	E	E	E	N	N	N	N	E	E	N	N	N	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	--	--	--	2	2	2	--	--	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance Code	20	20	20	22	23	23	20	23	22	22	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	--	--	--	107	26	97	--	--	25	95	238	125	32	64
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	31	--	--	15
4. Utility adjustments	--	--	--	08	1	42	--	--	10	13	6	3	--	--
5. Grade & Drain; minor structures	--	--	--	217	76	448	--	--	212	224	352	386	143	561
6. Base; surfacing; shoulders	--	--	--	437	154	882	--	--	275	225	527	584	169	560
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	59	--	59	--	--	--	--	59	59	--	119
9. Interchanges, complete	--	--	--	--	181	167	--	--	--	167	361	167	--	--
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	156	--	144	--	--	324
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	60	29	81	--	--	15	11	73	10	21	68
13. Roadside improvement	--	--	--	6	2	53	--	5	44	3	7	10	3	9
14. All other items	--	--	--	--	--	--	--	--	124	--	--	--	--	--
15. Subtotal, lines 3 to 14	--	--	--	787	443	1732	--	5	836	643	1560	1219	336	1656
16. Construction Engineering & Contingencies, 10% of line 15	--	--	--	79	44	173	--	--	84	64	156	122	34	166
17. Total Estimated Cost	--	--	--	973	513	2002	--	5	945	802	1954	1466	402	1886

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION													
	G 13 - G 14	G 14 - G 15	G 15 - G 16	G 16 - G 17.0.1	G 17.0.1- G 17.0.2	G 17.0.2- G 18.1	G 18.1 - G 18.2	G 18.2 - G 18.3	G 18.3 - G 19	G 19 - G 20.1	G 20.1 - G 20.2	G 20.2 - G 20.3	G 20.3 - G 20.4	G 20.4 - G 21
Section length, miles (0.1 mile)	5.7	3.3	5.5	10.2	3.0	1.7	1.3	1.7	1.0	1.5	3.5	3.8	1.2	0.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	U	R	R
Location: Existing, new or toll	N	N	E	E	E	E	E	E	E	E	E	N	N	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	4	2	4	2	2	--	--	--	4	--	--	--
No. through traffic lanes	2	2	4	2	4	2	2	2	4	4	4	4	4	4
Finance Code	23	23	22	22	22	22	22	20	20	20	22	21	21	21
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	93	50	57	99	19	11	8	--	--	--	165	--	--	--
3. Clear & grub; demolition	31	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	3	1	8	3	--	--	1	--	--	--	--	--	--	--
5. Grade & Drain; minor structures	317	126	575	588	400	75	71	--	--	--	17	--	--	--
6. Base; surfacing; shoulders	416	238	611	741	386	123	94	--	--	--	218	--	--	--
7. R.R. grade separations	137	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	181	--	219	154	207	--	181	--	--	--	588	--	--	--
10. Other bridges; tunnels	--	--	--	---	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	---	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	43	13	71	92	38	7	9	--	--	--	1	--	--	--
13. Roadside improvement	6	35	6	10	3	2	1	--	--	--	4	--	--	--
14. All other items	--	--	--	--	--	--	--	--	--	--	79	--	--	--
15. Subtotal, lines 3 to 14	1134	413	1490	1588	1034	207	357	--	--	--	907	--	--	--
16. Construction Engineering & Contingencies, 10% of line 15	113	41	149	159	103	21	36	--	--	--	91	--	--	--
17. Total Estimated Cost	1340	504	1696	1846	1156	239	401	--	--	--	1163	--	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

	ITEM	ESTIMATE SECTION													
		G 21 - G 22.1	G 22.1 - G 22.2	G 22.2 - G 22.3	G 22.3 - G 22.4	G 22.4 - G 23.0.1	G 23.0.1 - G 23.0.2	G 23.0.2- G 24	G 24 - G 25.0.1	G 25.0.1- G 25.0.2	G 25.0.2- G 26.1	G 25.0.2- G 26.1	G 26.1 - G 26.2	G26.1 - G 26.2	G 26.2 - G 27
	Section length, miles (0.1 mile)	3.6	3.6	2.7	5.8	8.9	3.2	3.2	8.0	4.3	4.9	4.9	3.8	3.8	0.6
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	N	N	N	N	N	E	E	E	E	E	E	F	E
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	2	3	2	3	2
	No. Lanes to be constructed this estimate	2	2	4	4	4	2	2	4	2	2	4	2	4	2
	No. through traffic lanes	2	2	4	4	4	2	2	4	2	2	4	2	4	2
	Finance Code	23	23	23	23	23	23	22	22	22	22	22	22	22	22
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	--	38	19	18	14	110	10	108	39	277	277	46	46	2
3.	Clear & grub; demolition	31	6	83	179	274	--	--	123	--	62	62	77	77	--
4.	Utility adjustments	23	13	10	30	49	3	3	39	38	38	38	48	48	3
5.	Grade & Drain; minor structures	1752	289	1083	2372	2579	547	217	2138	455	350	595	614	1020	18
6.	Base; surfacing; shoulders	326	239	290	597	938	220	235	830	267	303	532	285	463	36
7.	R.R. grade separations	120	--	--	--	--	--	--	--	--	--	--	88	175	--
8.	Highway grade separations without ramps	--	--	--	--	--	73	--	--	--	--	--	--	--	-
9.	Interchanges, complete	--	196	--	--	--	198	--	241	--	198	237	232	271	--
10.	Other bridges; tunnels	--	--	--	--	118	77	--	--	24	--	--	--	--	--
11.	Walls	--	--	140	--	70	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	76	68	128	199	245	33	12	249	47	67	67	59	59	5
13.	Roadside improvement	4	4	3	6	9	3	3	81	4	5	5	4	4	1
14.	All other items	31	--	--	--	--	--	--	--	--	24	34	--	--	--
15.	Subtotal, lines 3 to 14	2363	815	1737	3383	4282	1154	470	3701	835	1047	1570	1407	2117	63
16.	Construction Engineering & Contingencies, 10% of line 15	236	82	174	338	428	115	47	370	83	105	157	141	212	6
17.	Total Estimated Cost	2599	935	1930	3739	4724	1379	527	4179	957	1429	2004	1594	2375	71

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G 26.2 - G 27	G 27 - G 28.1	G 28.1 - G 28.2	G 28.2 - G 28.3	G 28.3 - G 29	G 29 - G 30	G 30 - G 31.1	G 31.1 - G 31.2	G 31.2 - G 32.0.1	G 32.0.1- G 32.0.2	G 32.0.2- H 1	H 1 - H 2.0.1	H 2.0.1 - H 2.0.2
Section length, miles (0.1 mile)	0.6	2.2	0.4	0.2	1.2	6.1	2.1	7.7	1.0	4.0	3.4	8.2	2.7
Class: Rural or Urban	R	R	U	U	U	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	N	N	N	N	N	E	E	E	E	N	N
Design Code: 1, 2 or 3	3	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	--	--	--	--	--	--	--	--	--	--	--	4
No. through traffic lanes	4	4	4	4	4	4	4	4	2	2	4	4	4
Finance Code	22	20	20	20	20	20	20	20	20	20	20	21	23
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)								
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	2	--	--	--	--	--	--	--	--	--	--	--	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	3	--	--	--	--	--	--	--	--	--	--	--	3
5. Grade & Drain; minor structures	33	--	--	--	--	--	--	--	--	--	--	--	602
6. Base; surfacing; shoulders	64	--	--	--	--	--	--	--	--	--	--	--	332
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	--	--	--	--	--	--	--	--	--	473
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	--	50
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	5	--	--	--	--	--	--	--	--	--	--	--	124
13. Roadside improvement	1	--	--	--	--	--	--	--	--	--	--	--	38
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	106	--	--	--	--	--	--	--	--	--	--	--	1622
16. Construction Engineering & Contingencies, 10% of line 15	11	--	--	--	--	--	--	--	--	--	--	--	162
17. Total Estimated Cost	119	--	--	--	--	--	--	--	--	--	--	--	1784

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

	ITEM	ESTIMATE SECTION													
		H 2.0.2- H 3	H 3 - H 4.0.1	H 4.0.1 - H 4.0.2	H 4.0.2- H 5	H 5 - H 6	H 6 - H 7.1	H 7.1 - H 7.2	H 7.2 - H 8	H 8 - H 9.1	H 9.1 - H 9.2	H 9.2 - H 10	H 10 - H 11.0.1	H 11.0.1- H 11.0.2	H 11.0.2 H 12
	Section length, miles (0.1 mile)	3.7	3.3	2.8	1.0	3.3	3.1	1.4	2.5	5.7	1.5	4.0	2.9	4.4	1.0
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	N	E	N	E	N	N	E	E	N	N	N	N	E
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	--	--	--	--	--	--	--
	No. through traffic lanes	4	4	4	4	4	4	4	2	2	2	2	4	2	2
	Finance Code	23	23	22	23	22	23	23	20	20	20	20	20	20	20
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	58	52	73	10	150	25	60	--	--	--	--	--	--	--
3.	Clear & grub; demolition	--	--	--	--	31	46	--	--	--	--	--	--	--	--
4.	Utility adjustments	4	3	6	2	3	4	75	--	--	--	--	--	--	--
5.	Grade & Drain; minor structures	936	845	499	118	366	1950	298	--	--	--	--	--	--	--
6.	Base; surfacing; shoulders	458	474	434	114	409	364	151	--	--	--	--	--	--	--
7.	R.R. grade separations	--	242	--	--	--	--	--	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9.	Interchanges, complete	--	251	--	--	--	248	--	--	--	--	--	--	--	--
10.	Other bridges; tunnels	--	--	995	1218	2320	--	860	--	--	--	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	136	71	106	31	113	112	50	--	--	--	--	--	--	--
13.	Roadside improvement	4	3	3	1	84	3	1	--	--	--	--	--	--	--
14.	All other items	--	--	42	24	168	--	--	--	--	--	--	--	--	--
15.	Subtotal, lines 3 to 14	1538	1889	2085	1508	3494	2727	1435	--	--	--	--	--	--	--
16.	Construction Engineering & Contingencies, 10% of line 15	154	189	209	151	349	273	143	--	--	--	--	--	--	--
17.	Total Estimated Cost	1750	2130	2367	1669	3993	3025	1638	--	--	--	--	--	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION													
	H 11.0.2- H 12	H 12 - H 13	H 13 - H 14	H 14 - H 15	H 15 - H 16	H 16 - H 17	H 17 - H 18	H 18 - H 19	H 19 - H 20.0.1	H 20.0.1 - H 20.0.2	H 20.0.1- H 20.0.2	H 20.0.2- H 21.1	H 21.1 - H 21.2	H 21.2 - H 22
Section length, miles (0.1 mile)	1.0	2.6	4.3	1.4	0.5	1.3	1.9	1.3	7.0	7.5	7.5	2.3	7.0	8.8
Class: Rural or Urban	R	R	R	R	R	U	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	N	N	N	N	N	N	N	N	E	E	E	E	E
Design Code: 1, 2 or 3	3	1	1	1	1	1	1	1	1	2	3	1	1	1
No. Lanes to be constructed this estimate	2	4	4	4	4	4	4	--	--	2	4	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	2	4	2	2	2
Finance Code	22	23	23	23	23	23	23	20	20	22	22	22	22	22
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	36	63	--	--	--	---	--	--	--	--	--	--	--
2. Right-of-way	--	60	79	--	--	--	--	--	--	171	171	53	142	606
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	--	4	2	--	--	--	--	--	--	3	3	1	39	33
5. Grade & Drain; minor structures	40	241	368	122	111	113	237	--	--	519	653	107	361	184
6. Base; surfacing; shoulders	64	350	595	286	148	220	386	--	--	551	965	173	510	367
7. R.R. grade separations	--	--	--	--	--	309	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	104	98	80	--	--	58	99	69	--	--
9. Interchanges, complete	52	--	43	170	346	408	239	--	--	186	203	--	186	341
10. Other bridges; tunnels	--	--	--	--	--	252	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	20	32	26	7	59	14	--	--	125	116	38	92	66
13. Roadside improvement	1	3	7	1	1	1	2	--	--	8	8	2	7	9
14. All other items	--	--	39	--	--	45	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	157	618	1086	605	717	1505	958	--	--	1515	2047	390	1195	1000
16. Construction Engineering & Contingencies, 10% of line 15	16	62	109	61	72	150	96	--	--	152	205	39	119	100
17. Total Estimated Cost	173	776	1337	666	789	1655	1054	--	--	1838	2423	482	1456	1706

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 7 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

	ITEM	ESTIMATE SECTION													
		H 22 - H 23.1	H 22 - H 23.1	H 23.1 - H 23.2	H 23.2 - H 24	H 24 - H 25.0.1	H 25.0.1- H 25.0.2	H 25.0.2- I 1.0.1	H 25.0.2- I 1.0.1	I 1.0.1- I 1.0.2	I 1.0.1- I 1.0.2	I 1.0.2- I 2	I 2 - I 3	I 3 - I 4	I 4 - I 5
	Section length, miles (0.1 mile)	2.7	2.7	2.3	1.0	2.8	7.7	5.4	5.4	6.3	6.3	8.3	1.3	4.1	2.7
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	E	E	E	E	E	N	N	N	N	N	N	N	E	E
	Design Code: 1, 2 or 3	2	3	1	1	1	1	2	3	2	3	1	1	1	1
	No. Lanes to be constructed this estimate	2	4	2	--	--	--	2	4	2	4	2	2	4	2
	No. through traffic lanes	2	4	2	2	2	2	2	4	2	4	2	2	4	2
	Finance Code	22	22	22	21	21	21	23	23	23	23	23	23	22	22
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	39	39	20	--	--	--	--	--	--	--	--	33	45	117
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4.	Utility adjustments	4	4	7	--	--	--	--	--	3	3	4	2	12	41
5.	Grade & Drain; minor structures	71	167	34	--	--	--	198	348	371	632	434	74	533	137
6.	Base; surfacing; shoulders	105	277	87	--	--	--	404	703	455	803	600	94	534	202
7.	R.R. grade separations	--	--	--	--	--	--	--	--	74	126	--	--	--	--
8.	Highway grade separations without ramps	--	--	52	--	--	--	--	--	--	--	46	--	--	58
9.	Interchanges, complete	--	--	--	--	--	--	373	418	181	203	171	--	203	--
10.	Other bridges; tunnels	117	199	--	--	--	--	--	--	94	159	29	--	775	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	20	20	17	--	--	--	41	41	47	47	62	10	31	20
13.	Roadside improvement	66	66	2	--	--	--	5	5	6	6	8	1	4	3
14.	All other items	--	--	--	--	--	--	--	--	35	35	--	--	--	33
15.	Subtotal, lines 3 to 14	383	733	199	--	--	--	1021	1515	1266	2014	1354	181	2092	494
16.	Construction Engineering & Contingencies, 10% of line 15	38	73	20	--	--	--	102	152	127	201	135	18	209	49
17.	Total Estimated Cost	460	845	239	--	--	--	1123	1667	1393	2215	1489	232	2346	660

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 8 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION										Subtotal		Total
	I 5 - I 6.1	I 6.1 - I 6.2	I 6.2 - I 7	I 7 - I 8.1	I 8.1 - I 8.2	I 8.2 - I 9	I 9 - I 10	I 10 I 11			Rural	Urban	for Route
Section length, miles (0.1 mile)	3.0	2.6	12.0	9.2	4.2	3.3	0.9	0.3			380.7	6.9	387.6
Class: Rural or Urban	R	R	R	R	R	R	R	R			xxx	xxx	xxx
Location: Existing, new or toll	E	E	E	E	E	E	E	E			xxx	xxx	xxx
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1			xxx	xxx	xxx
No. Lanes to be constructed this estimate	--	--	--	--	--	--	--	--			xxx	xxx	xxx
No. through traffic lanes	4	2	2	2	2	2	4	4			xxx	xxx	xxx
Finance Code	20	20	21	22	20	21	21	20			xxx	xxx	xxx
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)												
1. Preliminary engineering	--	--	--	--	--	--	--	--			99	--	99
2. Right-of-way	--	--	--	112	--	--	--	--			3897	--	3897
3. Clear & grub; demolition	--	--	--	--	--	--	--	--			989	--	989
4. Utility adjustments	--	--	--	--	--	--	--	--			651	--	651
5. Grade & Drain; minor structures	--	--	--	519	--	--	--	--			28784	113	28897
6. Base; surfacing; shoulders	--	--	--	742	--	--	--	--			22263	220	22483
7. R.R. grade separations	--	--	--	--	--	--	--	--			800	309	1109
8. Highway grade separations without ramps	--	--	--	93	--	--	--	--			1029	98	1127
9. Interchanges, complete	--	--	--	152	--	--	--	--			7415	408	7823
10. Other bridges; tunnels	--	--	--	--	--	--	--	--			7448	252	7700
11. Walls	--	--	--	--	--	--	--	--			210	--	210
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	96	--	--	--	--			3328	59	3387
13. Roadside improvement	--	--	--	9	--	--	--	--			618	1	619
14. All other items	--	--	--	--	--	--	--	--			609	45	654
15. Subtotal, lines 3 to 14	--	--	--	1611	--	--	--	--			74144	1505	75649
16. Construction Engineering & Contingencies, 10% of line 15	--	--	--	161	--	--	--	--			7415	150	7565
17. Total Estimated Cost	--	--	--	1884	--	--	--	--			85555	1655	87210

Signatures:

Paul Johnson Date Aug. 1, 1964
State Highway Engineer

E. H. Cowan Date Aug. 1, 1964
B.P.R. Division Engineer

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM		ESTIMATE SECTION												
		G 1 - G 2	G 2 - G 3	G 3 - G 4	G 4 - G 5	G 5 - G 6	G 6 - G 7	G 7 - G 8.1	G 8.1 - G 8.2	G 8.2 - G 9	G 9 - G 10	G 10 - G 11.1	G 11.1 - G 11.2	G 11.2 - G 12
Section length, miles (0.1 mile)		1.6	10.5	5.0	6.0	1.9	12.2	7.8	5.3	3.8	2.9	6.5	9.8	2.8
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	E	E	E	N	N	N	N	E	E	N	N	N
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		--	--	--	2	2	2	--	--	2	2	2	2	2
No. through traffic lanes		2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code		20	20	20	22	23	23	20	23	22	22	23	23	23
No. of terminated cross roads		1	--	--	1	1	--	--	2	1	1	--	--	--
No. of intersections at grade		--	6	1	4	--	--	1	4	1	--	--	2	2
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		1	--	1	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	59	--	59	--	--	--	--	59	59	--
No. for which costs estimated		--	--	--	1	--	1	--	--	--	--	1	1	--
No. in service - cost = zero		--	--	--	--	--	--	1	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	--	--	181	167	--	--	--	167	361	167	--
No. for which costs estimated		--	--	--	--	1	1	--	--	--	1	2	1	--
No. in service - cost = zero		1	1	1	--	--	--	1	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	--	--	--	--	--	156	--	144	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	2	--	2	--	--
No. in service - cost = zero		--	--	--	--	--	--	2	2	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	--	--	59	181	226	--	--	156	167	564	226	--
No. for which costs estimated		--	--	--	1	1	2	--	--	2	1	5	2	--
No. in service - cost = zero		2	1	2	--	--	--	4	2	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM		ESTIMATE SECTION												
		G 12 - G 13	G 13 - G 14	G 14 - G 15	G 15 - G 16	G 16 - G 17.0.1	G 17.0.1- G 17.0.2	G 17.0.2- G 18.1	G 18.1 - G 18.2	G 18.2 - G 18.3	G 18.3 - G 19	G 19 - G 20.1	G 20.1 - G 20.2	G 20.2 - G 20.3
Section length, miles (0.1 mile)		9.1	5.7	3.3	5.5	10.2	3.0	1.7	1.3	1.7	1.0	1.5	3.5	3.8
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	U
Location: Existing, new or toll		N	N	N	E	E	E	E	E	E	E	E	E	N
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		2	2	2	2	2	4	2	2	--	--	--	4	--
No. through traffic lanes		2	2	2	2	2	4	2	2	2	4	4	4	4
Finance code		23	23	23	22	23	22	22	22	20	20	20	22	21
No. of terminated cross roads		3	--	--	2	2	1	--	--	--	--	--	--	--
No. of intersections at grade		4	1	2	--	5	--	--	--	3	--	--	--	--
WORK CLASSIFICATION Item No. from Table C		ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations	Cost	--	137	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	1	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	1	1	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	3
8. Highway grade separations without ramps	Cost	119	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		2	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	2
9. Interchanges, complete	Cost	--	181	--	219	154	207	--	181	--	--	--	588	--
No. for which costs estimated		--	1	--	1	1	1	--	1	--	--	--	2	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	1	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	3
10. Other bridges: tunnels	Cost	324	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		1	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	443	318	--	219	154	207	--	181	--	--	--	588	--
No. for which costs estimated		3	2	--	1	1	1	--	1	--	--	--	2	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	2	1	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	8

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM		ESTIMATE SECTION												
		G 20.3 - G 20.4	G 20.4 - G 21	G 21 - G 22.1	G 22.1 - G 22.2	G 22.2 - G 22.3	G 22.3 - G 22.4	G 22.4- G 23.0.1	G 23.0.1- G 23.0.2	G 23.0.2- G 24	G 24 - G 25.0.1	G 25.0.1 - G 25.0.2	G 25.0.2- G 26.1	G 26.1 - G 26.2
Section length, miles (0.1 mile)		1.2	0.6	3.6	3.6	2.7	5.8	8.9	3.2	3.2	8.0	4.3	4.9	3.8
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	N	N	N	N	N	N	E	E	E	E	E
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	3	3
No. Lanes to be constructed this estimate		--	--	2	2	4	4	4	2	2	4	2	4	4
No. through traffic lanes		4	4	2	2	4	4	4	2	2	4	2	4	4
Finance code		21	21	23	23	23	23	23	23	22	22	22	22	22
No. of terminated cross roads		--	--	5	--	1	--	1	2	3	2	2	2	1
No. of intersections at grade		--	--	--	--	--	--	--	--	2	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	120	--	--	--	--	--	--	--	--	--	175
No. for which costs estimated		--	--	1	--	--	--	--	--	--	--	--	--	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	--	--	--	73	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	1	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		1	1	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	--	196	--	--	--	198	--	241	--	219	271
No. for which costs estimated		--	--	--	1	--	--	--	1	--	1	--	1	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	1	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	--	--	--	118	77	--	--	40	--	--
No. for which costs estimated		--	--	--	--	--	--	1	1	--	--	1	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	--	120	196	--	--	118	348	--	241	40	219	446
No.for which costs estimated		--	--	1	1	--	--	1	3	--	1	1	1	2
No.in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero		1	2	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	G 26.2 - G 27	G 27 - G 28.1	G 28.1 - G 28.2	G 28.2 - G 28.3	G 28.3 - G 29	G 29 - G 30	G 30 - G 31.1	G 31.1 - G 31.2	G 31.2 - G 32.0.1	G 32.0.1 G 32.0.2	G 32.0.2- H 1	H 1 - H 2.0.1	H 2.0.1 - H 2.0.2
Section length, miles (0.1 mile)	0.6	2.2	0.4	0.2	1.2	6.1	2.1	7.7	1.0	4.0	3.4	8.2	2.7
Class: Rural or Urban	R	R	U	U	U	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	N	N	N	N	N	E	E	E	E	N	N
Design Code: 1 or 3	3	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	--	--	--	--	--	--	--	--	--	--	--	4
No. through traffic lanes	4	4	4	4	4	4	4	4	2	2	4	4	4
Finance code	22	20	20	20	20	20	20	20	20	20	20	21	23
No. of terminated cross roads	--	--	--	--	--	1	1	2	--	--	--	--	--
No. of intersections at grade	--	--	--	--	--	--	--	--	1	2	--	--	--
WORK CLASSIFICATION Item No. from Table C	ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	1	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	1	--
8. Highway grade separations without ramps Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	1	1	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	1	--
9. Interchanges, complete Cost	--	--	--	--	--	--	--	--	--	--	--	--	473
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	2
No. in service - cost = zero	--	1	--	--	1	1	--	1	--	--	1	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	--	--	--	--	--	--	--	--	--	--	50
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	1
No. in service - cost = zero	--	--	--	--	--	2	--	--	--	--	1	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	--	--	--	--	--	--	--	--	--	--	--	--	523
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	3
No. in service - cost = zero	--	1	--	1	2	4	--	1	--	--	2	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	2	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM		ESTIMATE SECTION												
		H 2.0.2 - H 3	H 3 - H 4.0.1	H 4.0.1 - H 4.0.2	H 4.0.2 - H 5	H 5 - H 6	H 6 - H 7.1	H 7.1 - H 7.2	H 7.2 - H 8	H 8 - H 9.1	H 9.1 - H 9.2	H 9.2 - H 10	H 10 - H 11.0.1	H 11.0.1 - H 11.0.2
Section length, miles (0.1 mile)		3.7	3.3	2.8	1.0	3.3	3.1	1.4	2.5	5.7	1.5	4.0	2.9	4.4
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	E	N	N	N	E	E	E	E	N	N	N
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		4	4	4	4	4	4	4	--	--	--	--	--	--
No. through traffic lanes		4	4	4	4	4	4	4	2	2	2	2	4	2
Finance code		23	23	22	23	23	23	22	22	20	20	20	20	20
No. of terminated cross roads		1	--	--	--	--	--	--	1	1	1	--	--	--
No. of intersections at grade		--	--	--	--	--	--	--	1	1	--	8	--	7
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	242	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	1	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	1		--	--	--
9. Interchanges, complete	Cost	--	251	--	--	--	248	--	--	--	--	--	--	--
No. for which costs estimated		--	1	--	--	--	1	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	1	1	1	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	995	1218	2320	--	860	--	--	--	--	--	--
No. for which costs estimated		--	--	2	1	3	--	2	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	1	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	493	995	1218	2320	248	860	--	--	--	--	--	--
No. for which costs estimated		--	2	2	1	3	1	2	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	1	2	1	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM		ESTIMATE SECTION												
		H 11.0.2 - H 12	H 12 - H 13	H 13 - H 14	H 14 - H 15	H 15 - H 16	H 16 - H 17	H 17 - H 18	H 18 - H 19	H 19 - H 20.0.1	H 20.0.1- H 20.0.2	H 20.0.2- H 21.1	H 21.1 - H 21.2	H 21.2 - H 22
Section length, miles (0.1 mile)		1.0	2.6	4.3	1.4	0.5	1.3	1.9	1.3	7.0	7.5	2.3	7.0	8.8
Class: Rural or Urban		R	R	R	R	R	U	R	R	R	R	R	R	R
Location: Existing, new or toll		E	N	N	N	N	N	N	N	N	E	E	E	E
Design Code: 1 or 3		3	1	1	1	1	1	1	1	1	3	1	1	1
No. Lanes to be constructed this estimate		--	4	4	4	4	4	4	--	--	4	2	2	2
No. through traffic lanes		4	4	4	4	4	4	4	4	4	4	2	2	2
Finance code		22	23	23	23	23	23	23	20	20	22	22	22	22
No. of terminated cross roads		--	--	--	1	--	--	--	--	--	4	3	5	6
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	309	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	1	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	---	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	104	98	80	--	--	99	69	--	--
No. for which costs estimated		--	--	--	--	1	1	1	--	--	1	1	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	1	1	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	52	--	43	170	346	408	239	--	--	203	--	186	341
No. for which costs estimated		1	--	1	1	1	1	1	--	--	1	--	1	2
No. in service - cost = zero		--	--	--	--	--	--	--	--	2	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	--	--	252	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	1	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	52	--	43	170	450	1067	319	--	--	302	69	186	341
No. for which costs estimated		1	--	1	1	2	4	2	--	--	2	1	1	2
No. in service - cost = zero		--	--	--	--	--	--	--	1	3	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 7 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION												
	H 22 - H 23.1	H 23.1 - H 23.2	H 23.2 - H 24	H 24 - H 25.0.1	H 25.0.1- H 25.0.2	H 25.0.2- I 1.0.1	I 1.0.1 - I 1.0.2	I 1.0.2- I 2	I 2 - I 3	I 3 - I 4	I 4 - I 5	I 5 - I 6.1	I 6.1 - I 6.2
Section length, miles (0.1 mile)	2.7	2.3	1.0	2.8	7.7	5.4	6.3	8.3	1.3	4.1	2.7	3.0	2.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	E	E	N	N	N	N	N	N	E	E	E
Design Code: 1 or 3	3	1	1	1	1	3	3	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	2	--	--	--	4	4	2	2	2	2	--	--
No. through traffic lanes	4	2	2	2	2	4	4	2	2	2	2	4	2
Finance code	22	22	20	20	20	23	23	23	23	23	22	20	20
No. of terminated cross roads	3	2	1	--	2	2	2	5	1	1	2	2	1
No. of intersections at grade	--	--	--	2	2	--	--	--	--	--	--	--	4
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	--	--	--	--	--	--	126	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	1	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	--	52	--	--	--	--	--	46	--	--	58	--	--
No. for which costs estimated	--	1	--	--	--	--	--	1	--	--	1	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	2	--
No. in authorized status - cost = zero	--	--	--	--	1	--	--	--	--	--	--	--	--
9. Interchanges, complete Cost	--	--	--	--	--	418	203	171	--	230	--	--	--
No. for which costs estimated	--	--	--	--	--	2	1	1	--	1	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	1	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	199	--	--	--	--	--	159	29	--	775	--	--	--
No. for which costs estimated	1	--	--	--	--	--	1	1	--	1	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	199	52	--	--	--	418	488	246	--	1005	58	--	--
No. for which costs estimated	1	1	--	--	--	2	3	3	--	2	1	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	2	--
No. in authorized status - cost = zero	--	--	--	--	2	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 8 OF 8

STATE MONTANA

INTERSTATE ROUTE NO. 15

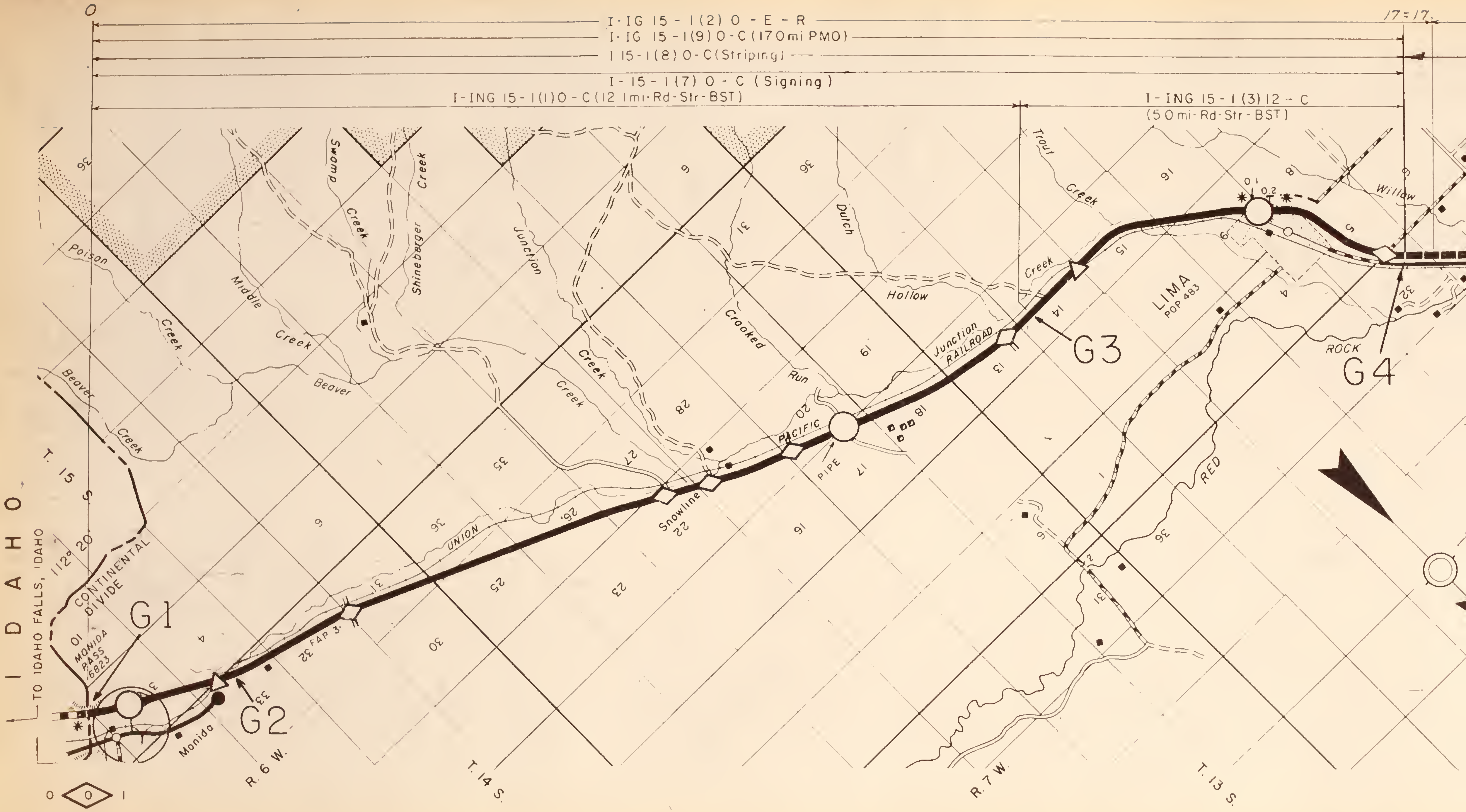
ITEM	ESTIMATE SECTION										SUBTOTAL		TOTAL
	I 6.2 - I 7	I 7 - I 8.1	I 8.1 - I 8.2	I 8.2 - I 9	I 9 - I 10	I 10 - I 11					RURAL	URBAN	FOR ROUTE
Section length, miles (0.1 mile)	12.0	9.2	4.2	3.3	0.9	0.3					380.7	6.9	387.6
Class: Rural or Urban	R	R	R	R	R	R					xxx	xxx	xxx
Location: Existing, new or toll	E	E	E	E	E	E					xxx	xxx	xxx
Design Code: 1 or 3	1	1	1	1	1	1					xxx	xxx	xxx
No. Lanes to be constructed this estimate	--	2	--	--	--	--					xxx	xxx	xxx
No. through traffic lanes	2	2	2	2	4	4					xxx	xxx	xxx
Finance code	20	22	20	20	20	20					xxx	xxx	xxx
No. of terminated cross roads	2	4	1	--	--	--					92	--	92
No. of intersections at grade	13	--	2	2	--	--					83	--	83
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations — Cost	--	--	--	--	--	--					800	309	1109
No. for which costs estimated	--	--	--	--	--	--					5	1	6
No. in service - cost = zero	--	--	1	--	--	--					5	1	6
No. in authorized status - cost = zero	--	--	--	--	--	--					1	3	4
8. Highway grade separations without ramps — Cost	--	93	--	--	--	--					1029	98	1127
No. for which costs estimated	--	2	--	--	--	--					16	1	17
No. in service - cost = zero	--	--	--	--	--	--					7	1	8
No. in authorized status - cost = zero	2	--	--	--	--	--					6	2	8
9. Interchanges, complete — Cost	--	152	--	--	--	--					7424	408	7832
No. for which costs estimated	--	1	--	--	--	--					37	1	38
No. in service - cost = zero	--	--	1	--	--	--					15	1	16
No. in authorized status - cost = zero	--	--	--	--	--	1					3	3	6
10. Other bridges: tunnels — Cost	--	--	--	--	--	--					7464	252	7716
No. for which costs estimated	--	--	--	--	--	--					21	1	22
No. in service - cost = zero	--	--	--	--	--	--					8	--	8
No. in authorized status - cost = zero	--	--	--	--	--	--					--	--	--
Total Structures — Cost	--	245	--	--	--	--					16717	1067	17784
No.for which costs estimated	--	3	--	--	--	--					79	4	83
No.in service - cost = zero	--	--	2	--	--	--					34	3	37
No.in authorized status - cost = zero	2	--	--	--	--	1					10	8	18

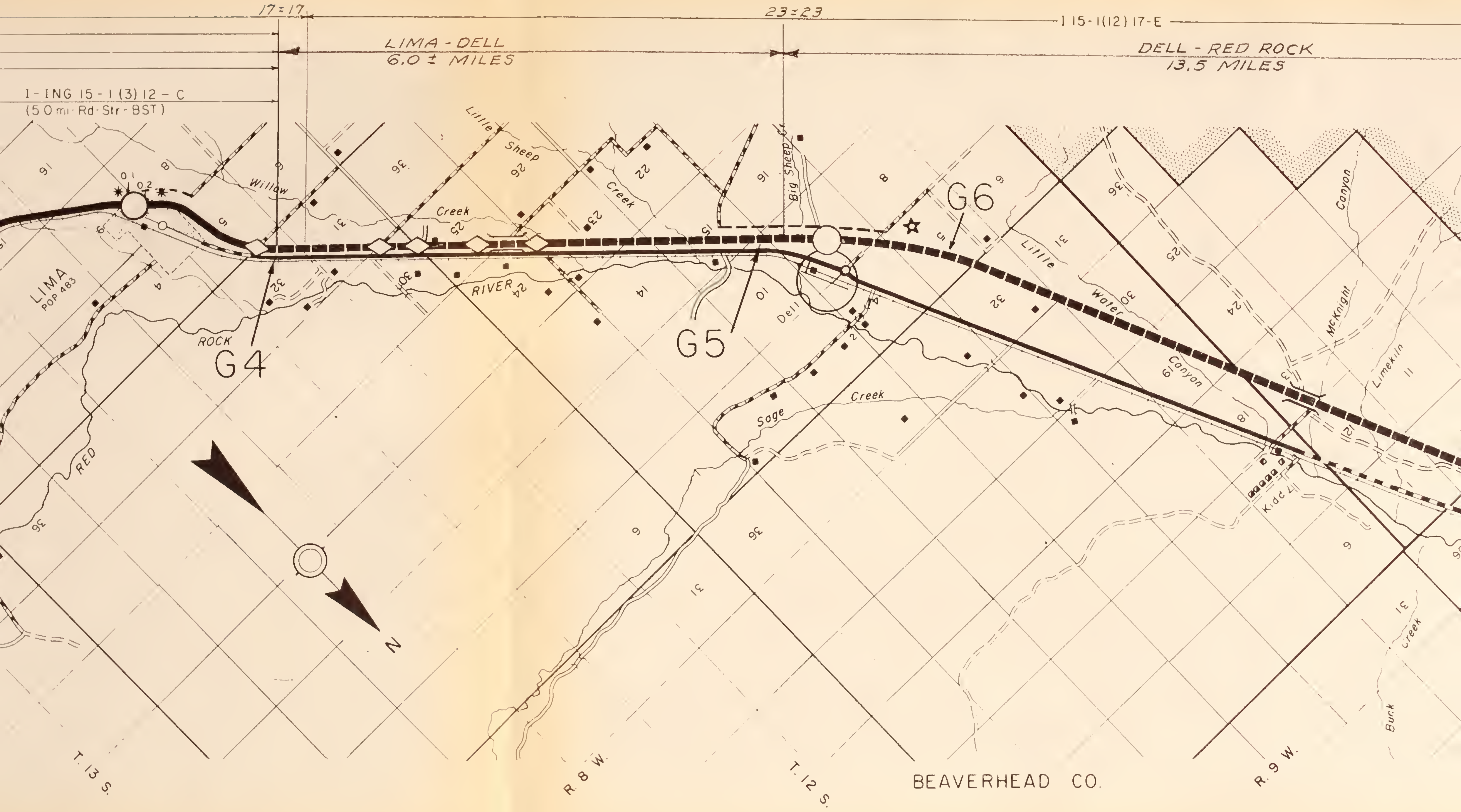
Signatures: Johnson Date Aug. 1, 1964

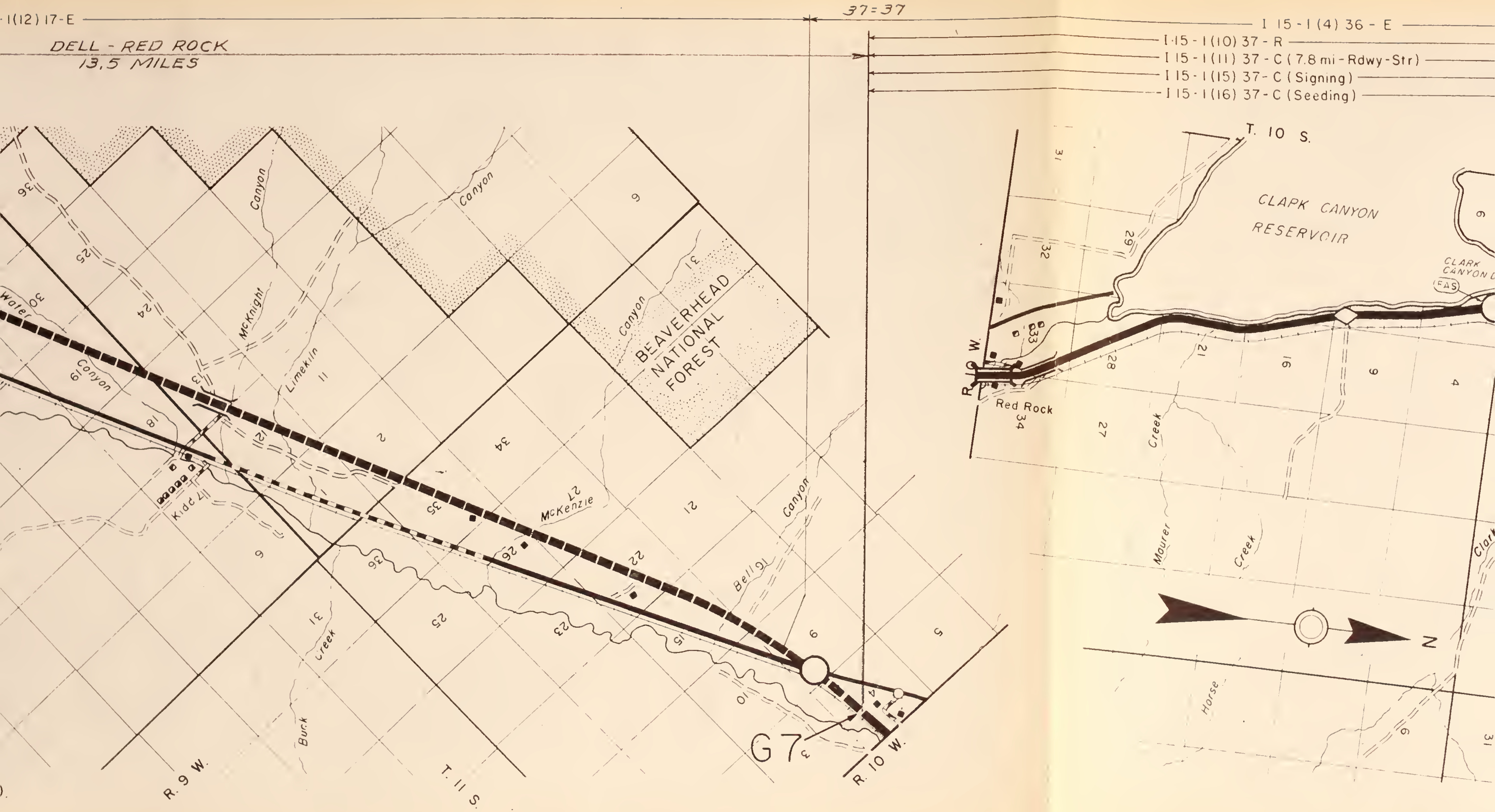
State Highway Engineer

E. H. Cowan Date Aug. 1, 1964

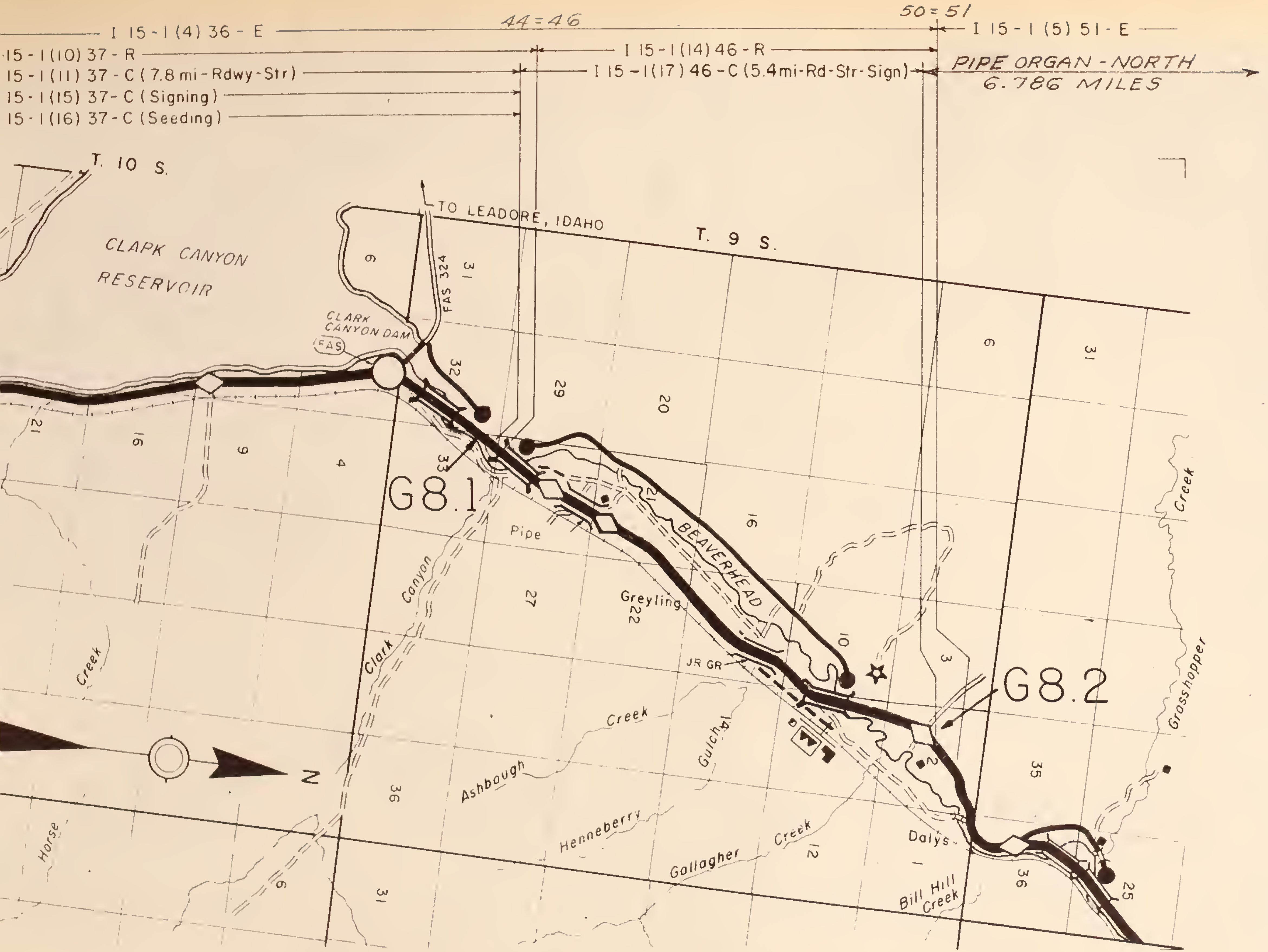
B.P.R., Division Engineer


0
17=17
I-IG 15-1(2) 0-E-R
I-IG 15-1(9) 0-C (17.0 mi PMO)
I 15-1(8) 0-C (Striping)
I-15-1(7) 0-C (Signing)
I-ING 15-1(1) 0-C (12.1 mi-Rd-Str-BST)
I-ING 15-1(3) 12-C
(5.0 mi-Rd-Str-BST)
G1
G2
G3
G4
IDAHO
TO IDAHO FALLS, IDAHO
112° 20'
CONTINENTAL DIVIDE
MONIDA PASS 6823
Monida
Poison Creek
Beaver Creek
Middle Creek
Swamp Creek
Shineberger Creek
Junction Creek
Crooked Run
Dutch Hollow
Trout Creek
Willow
Junction
RAILROAD
UNION PACIFIC
PIPE
Snowline
FAP 3
LIMA
POP 483
RED ROCK
T. 15 S.
T. 14 S.
T. 13 S.
R. 6 W.
R. 7 W.
0.1
0.2
0
1


17=17
23=23
I 15-1(12)17-E
LIMA - DELL
6.0 ± MILES
DELL - RED ROCK
13.5 MILES
I-ING 15-1(3)12-C
(5.0 mi-Rd-Str-BST)
0.1
0.2
Little Sheep Creek
Willow
Creek
Big Sheep Cr.
G4
G5
G6
LIMA
POP 483
RED ROCK RIVER
Dell
Sage Creek
Little Water Canyon
McKnight
Canyon
Limekiln
Kidd
Buck Creek
N
T. 13 S.
R. 8 W.
T. 12 S.
BEAVERHEAD CO.
R. 9 W.



-1(12) 17-E
37=37
I 15 - 1 (4) 36 - E
DELL - RED ROCK
13.5 MILES
I 15 - 1 (10) 37 - R
I 15 - 1 (11) 37 - C (7.8 mi - Rdwy - Str)
I 15 - 1 (15) 37 - C (Signing)
I 15 - 1 (16) 37 - C (Seeding)
T. 10 S.
CLAPK CANYON
RESERVOIR
CLARK CANYON
FAS
BEAVERHEAD
NATIONAL
FOREST
Canyon
Canyon
McKnight
Limekiln
Canyon
Water
Kidd
McKenzie
Bell
Canyon
Buck
Creek
Red Rock
Creek
Maurer
Creek
Horse
Clark
R. 10 W.
R. 9 W.
T. 11 S.
R. 10 W.
G7
N



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT - GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

SCALE IN MILES

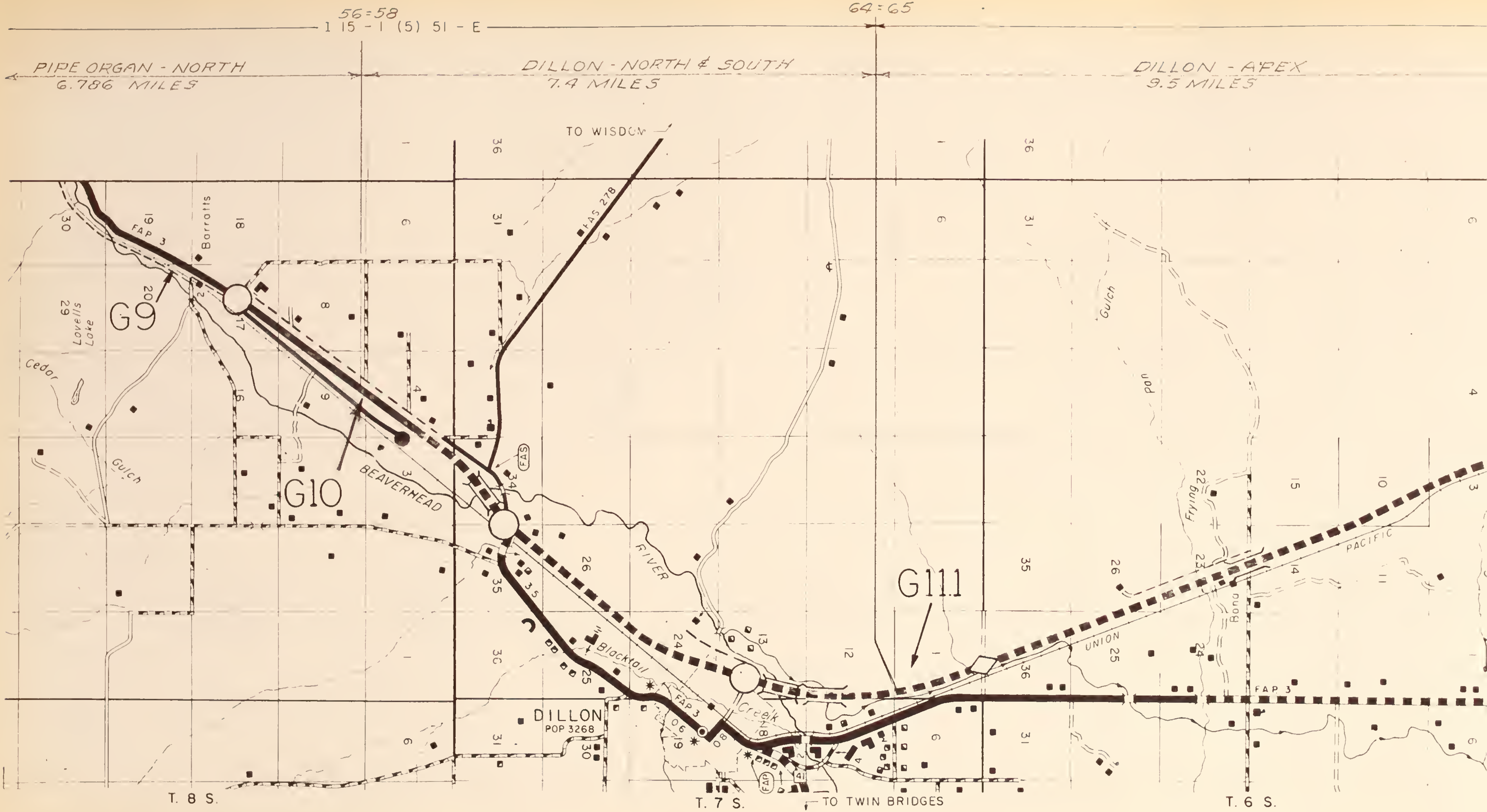
0 1 2 3 4

MONTANA

INTERSTATE ROUTE 15

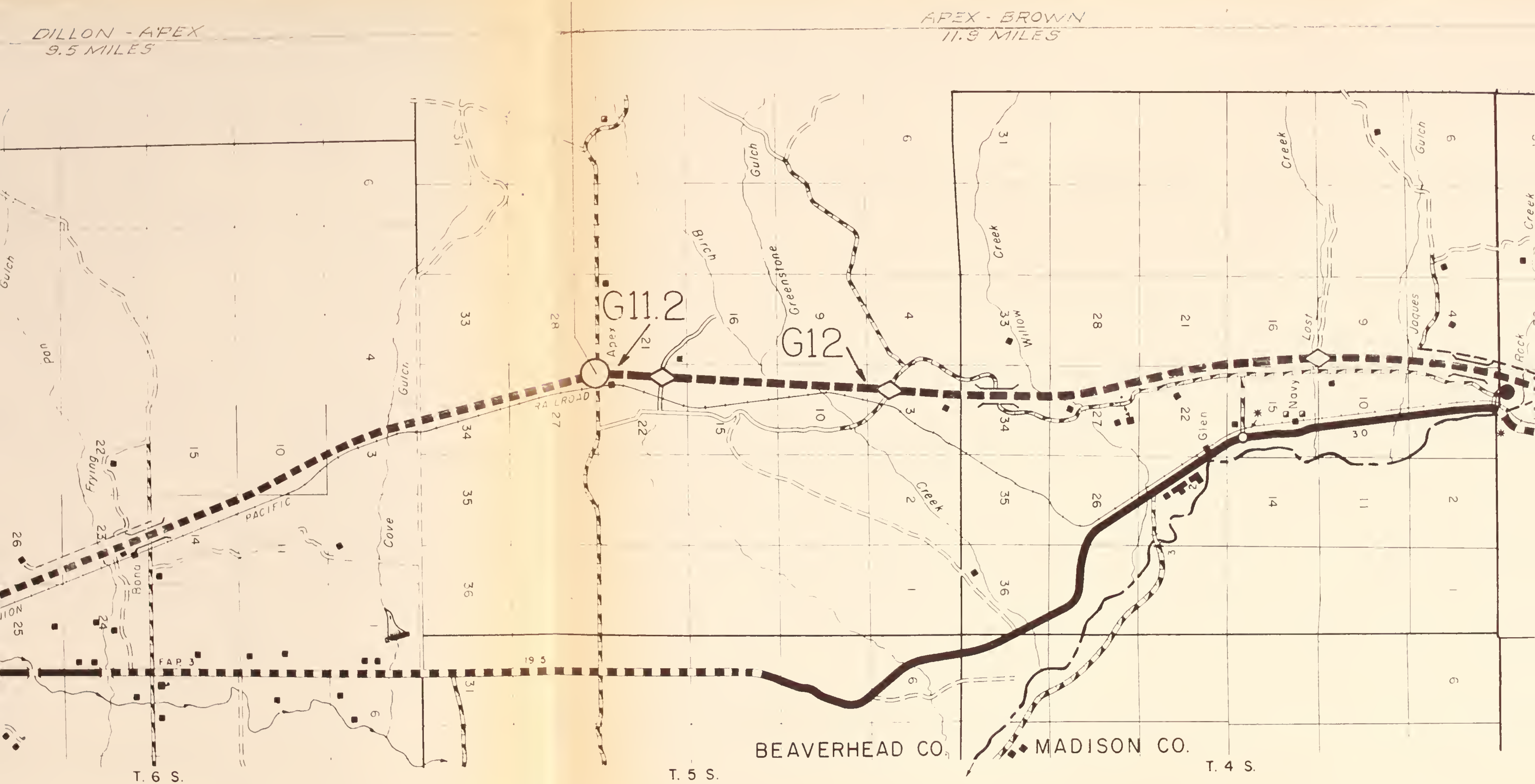
Sheet 1 of 8

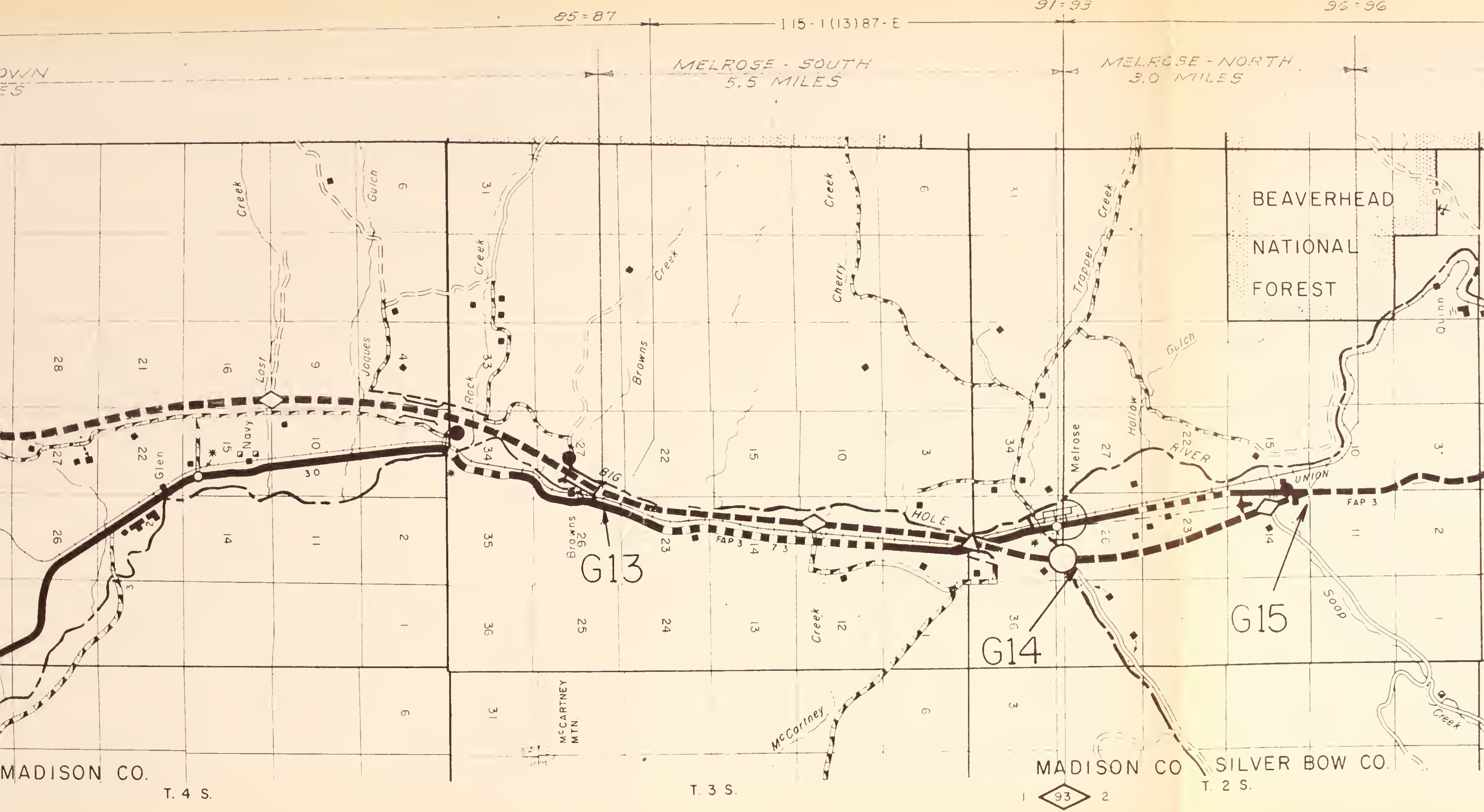
Date January 1, 1964

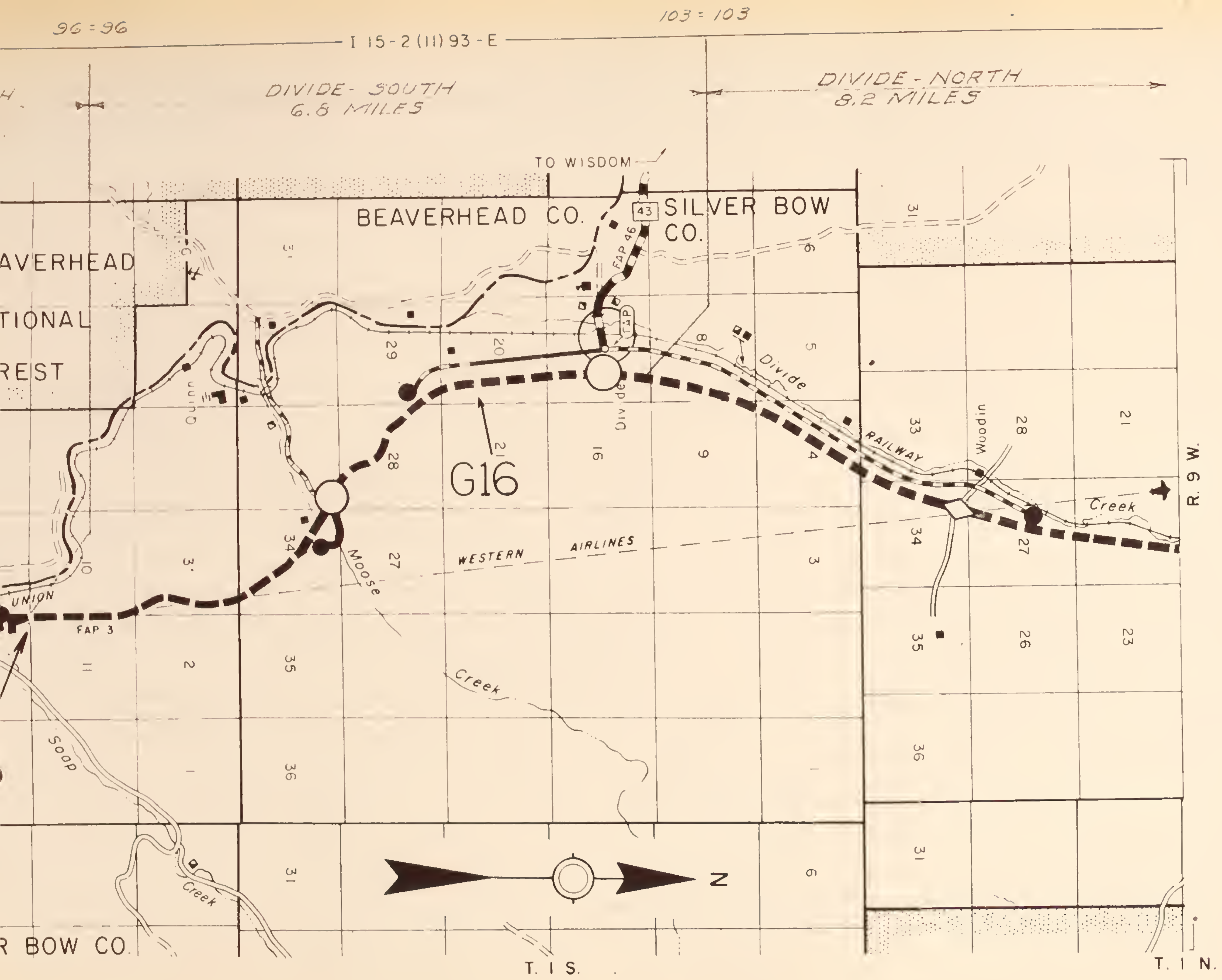

56=58
I 15 - I (5) 51 - E
64=65
PIPE ORGAN - NORTH
6.786 MILES
DILLON - NORTH & SOUTH
7.4 MILES
DILLON - APEX
9.5 MILES
TO WISDOM
FAS 278
FAS
FAP 3
Barratts
G9
G10
G111
Lovells Lake
Cedar
Gulch
BEAVERHEAD
RIVER
Blacktail
Creek
Gulch
Frying
Pan
Bond
UNION
PACIFIC
DILLON
POP 3268
TO TWIN BRIDGES
FAP
41
T. 8 S.
T. 7 S.
T. 6 S.

73=75

I-IG 15-1 (6) 65-E




85=87
I 15 - 1(13) 87 - E
91=93
96=96
OWN
ES
MELROSE - SOUTH
5.5 MILES
MELROSE - NORTH
3.0 MILES
BEAVERHEAD
NATIONAL
FOREST
Lost Creek
Gulch
Joques
Rock Creek
Browns Creek
Cherry Creek
Tropper Creek
Hollow
Gulch
Glen
Navy
Browns
Melrose
BIG HOLE RIVER
UNION
FAP 3
FAP 3
Creek
Soop Creek
McCartney
McCARTNEY MTN.
G13
G14
G15
MADISON CO.
MADISON CO
SILVER BOW CO.
T. 4 S.
T. 3 S.
T. 2 S.
93
1
2



LEGEND FOR INTERSTATE ROUTES

━━━ INTERSTATE LOCATION STEP 4-5

▬ ▬ ▬ INTERSTATE LOCATION STEP 1-2-3

━○━ INTERCHANGE

━)(━ HIGHWAY GRADE SEPARATION - NO CONNECTION

━△━ RAILROAD GRADE SEPARATION

━△━ COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION

━═━ OTHER BRIDGE

━┆┆━ TUNNEL

Toll TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION

– – – – FRONTAGE ROAD

—● TERMINATED CROSS ROAD

━◇━ INTERSECTION AT-GRADE

U U URBAN AREA BOUNDARY

◇19 POST MILEAGE

1 ◇ 2 ROUTE SECTIONS

SCALE IN MILES

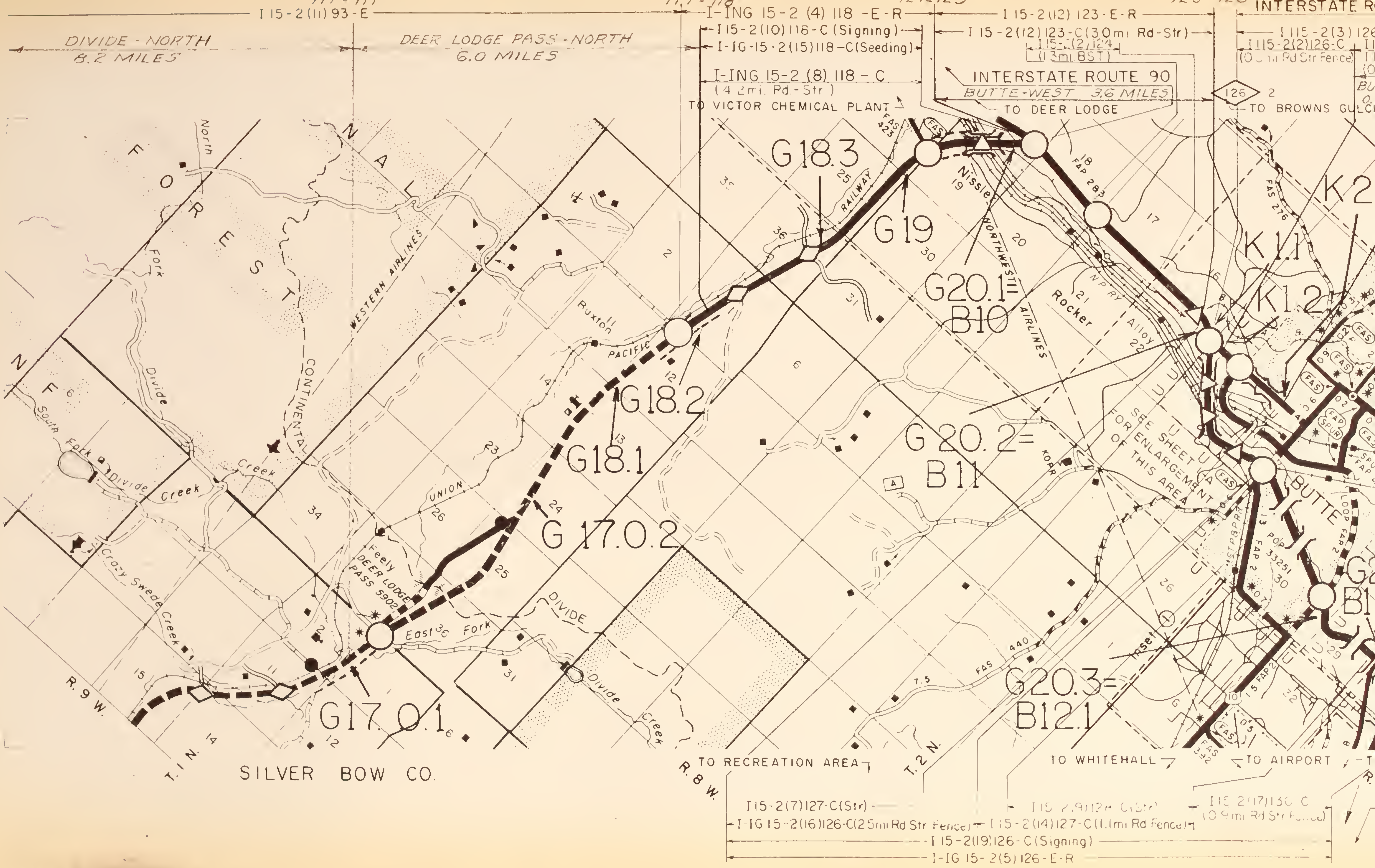
0 1 2 3 4

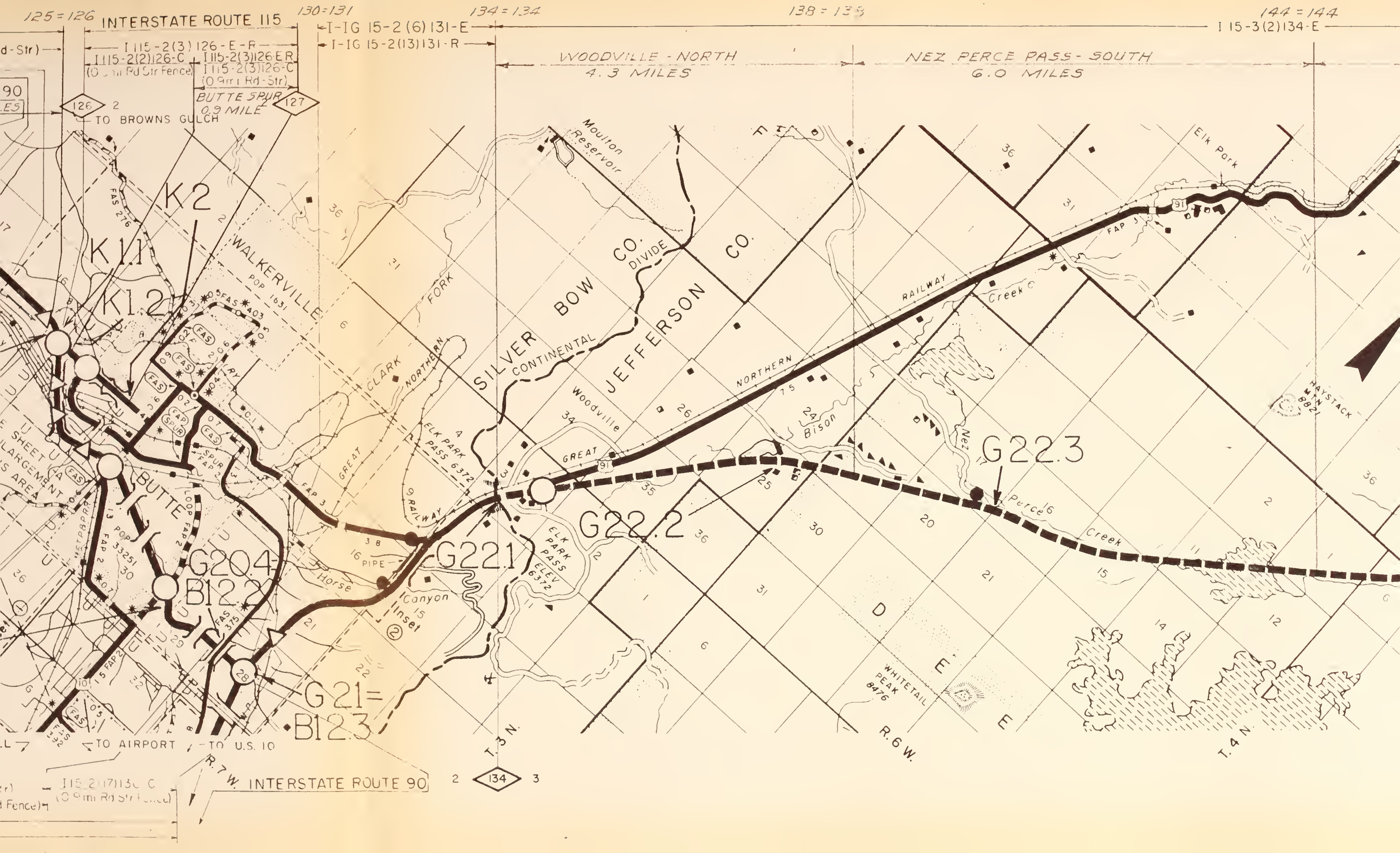
MONTANA

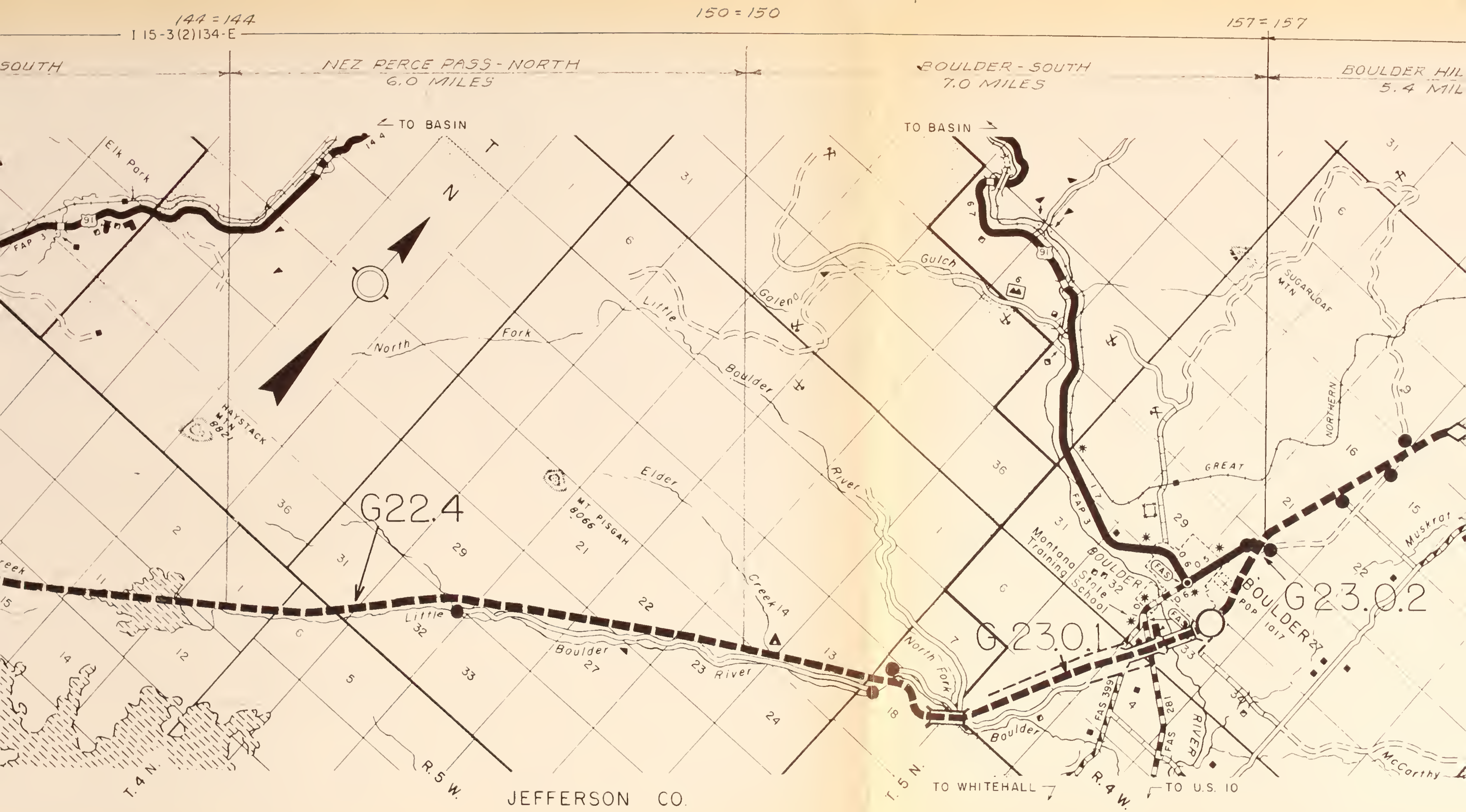
INTERSTATE ROUTE 15

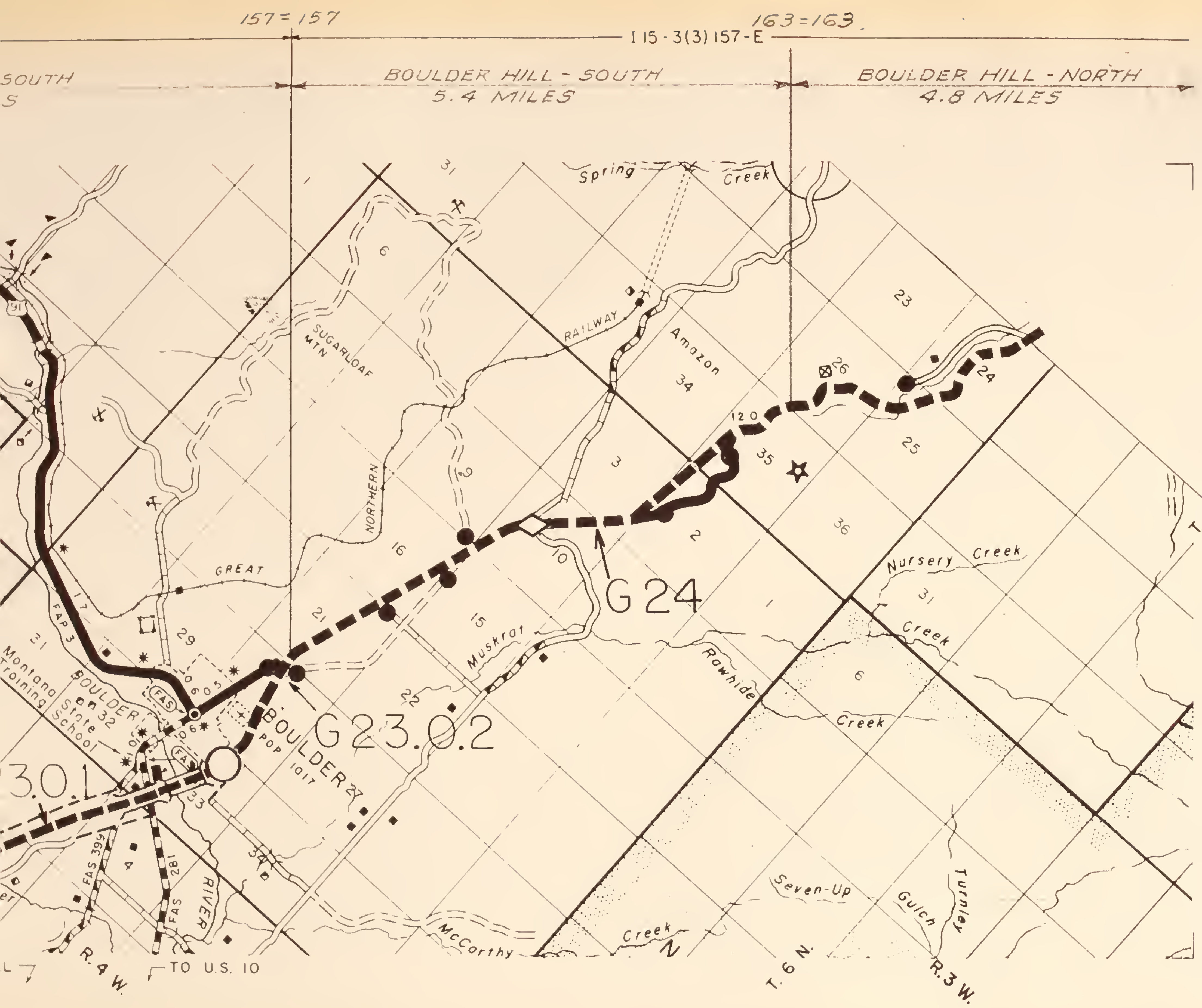
Sheet 2 of 8

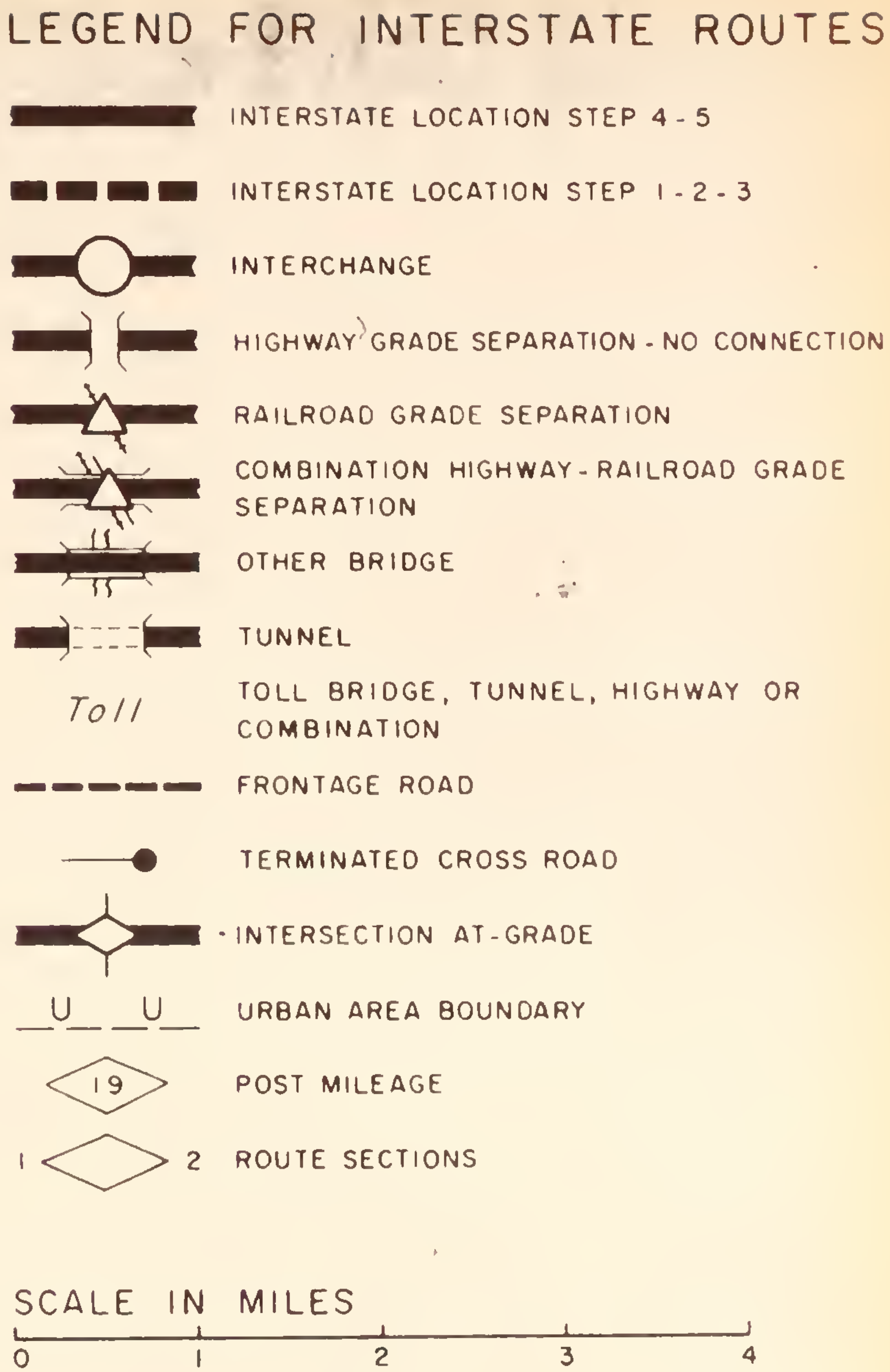
Date January 1, 1964


I 15-2(11) 93-E
DIVIDE - NORTH 8.2 MILES
DEER LODGE PASS - NORTH 6.0 MILES
I-ING 15-2 (4) 118 -E-R
I 15-2(10) 118-C (Signing)
I-IG-15-2(15) 118-C (Seeding)
I-ING 15-2 (8) 118 - C
(4.2 mi. Rd.-Str)
TO VICTOR CHEMICAL PLANT
I 15-2(12) 123-E-R
I 15-2(12) 123-C (3.0 mi Rd-Str)
(1.3 mi. BST)
INTERSTATE ROUTE 90
BUTTE-WEST 3.6 MILES
TO DEER LODGE
INTERSTATE R
I 115-2(3) 12
I 115-2(2) 126-C
(0.5 mi Rd Str Fence)
126
TO BROWNS GULC
FOREST
NATIONAL
N F
North Fork
South Fork Divide Creek
Divide Creek
Crazy Swede Creek
CONTINENTAL
DIVIDE
WESTERN AIRLINES
NORTHWESTERN AIRLINES
UNION PACIFIC RAILWAY
Buxton
Feely
DEER LODGE PASS 5902
East Fork
Divide Creek
Nissler
Rocker
N P RY
Alloy
KOPR
FAS 423
FAS 276
FAS 440
FAP 283
FAP 2
G18.3
G19
G18.2
G18.1
G 17.0.2
G17.0.1
G20.1=B10
G 20. 2= B11
G20.3= B12.1
K2
K1.1
K1.2
SEE SHEET 4A FOR ENLARGEMENT OF THIS AREA
BUTTE
POP. 33251
R. 9 W.
R. 8 W.
T. 1 N.
T. 2 N.
SILVER BOW CO.
TO RECREATION AREA
TO WHITEHALL
TO AIRPORT
I 15-2(7) 127-C (Str)
I 15-2(9) 126-C (Str)
I 15-2(17) 130-C
(0.9 mi Rd Str Fence)
I-IG 15-2(16) 126-C (2.5 mi Rd Str Fence)
I 15-2(14) 127-C (1.1 mi Rd Fence)
I 15-2(19) 126-C (Signing)
I-IG 15-2(5) 126-E-R


125=126
INTERSTATE ROUTE 115
130=131
134=134
138=138
144=144
I-IG 15-2(6)131-E
I-IG 15-2(13)131-R
I 15-3(2)134-E
d-Str)
I 115-2(3)126-E-R
I 115-2(2)126-C
(0.9mi Rd Str Fence)
I 115-2(3)126 E R
I 115-2(3)126-C
(0.9mi Rd-Str)
BUTTE SPUR 0.9 MILE
126
127
90
TO BROWNS GULCH
WOODVILLE - NORTH
4.3 MILES
NEZ PERCE PASS - SOUTH
6.0 MILES
Moulton Reservoir
Elk Park
K2
K1.1
K1.2
FAS 276
WALKERVILLE POP 1631
SILVER BOW CO.
JEFFERSON CO.
CONTINENTAL DIVIDE
CLARK FORK
GREAT NORTHERN RAILWAY
NORTHERN RAILWAY
FAP 3
FAS
FAP SPUR
ELK PARK PASS 6372
ELK PARK PASS ELEV 6372
Woodville
Bison
Creek
Nez Perce Creek
HAYSTACK MTN 8821
G22.3
G22.2
G22.1
BUTTE POP 33251
G20.4=B12.2
G21=B12.3
FAP 2
LOOP FAP 2
FAS 375
Horse Canyon
PIPE
Inset ②
WHITETAIL PEAK 8476
D E E
T.3 N.
T.4 N.
R.6 W.
R.7 W.
SHEET ENLARGEMENT AREA
TO AIRPORT
TO U.S. 10
INTERSTATE ROUTE 90
134
I 15-2(7)130-C
(0.9mi Rd Str Fence)
d Fence)

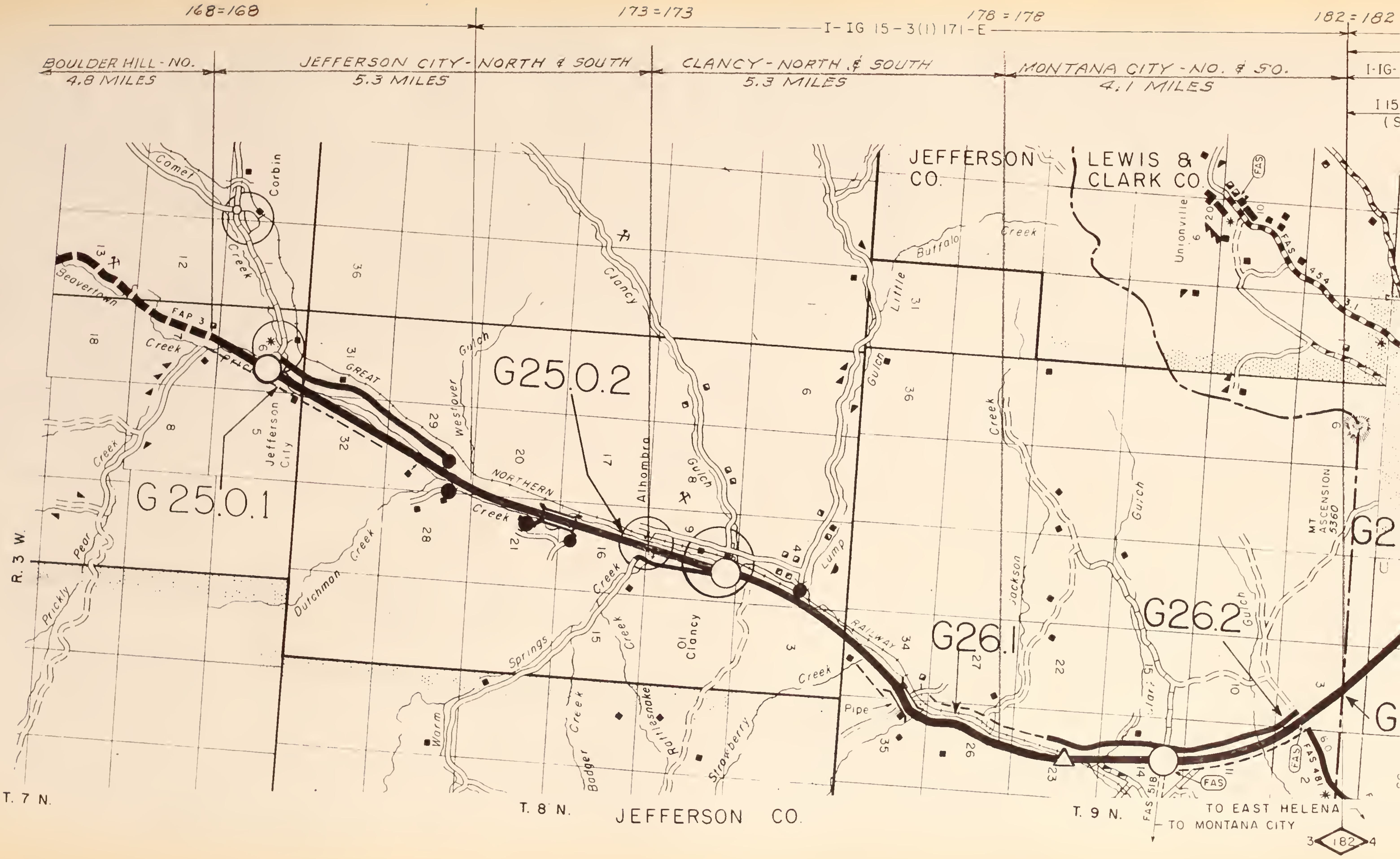

144 = 144
I 15-3(2)134-E
150 = 150
157 = 157
SOUTH
NEZ PERCE PASS - NORTH
6.0 MILES
BOULDER - SOUTH
7.0 MILES
BOULDER HIL
5.4 MIL
TO BASIN
TO BASIN
Elk Park
FAP 3
91
N
T
HAYSTACK MTN 6821
North Fork
Little Boulder River
Galena Gulch
MT PISGAH 8066
Elder Creek
G22.4
Little Boulder River
North Fork
SUGARLOAF MTN
NORTHERN
GREAT
FAP 3
Montana State Training School
BOULDER
FAS
BOULDER POP 1017
G23.0.1
G23.0.2
Muskrat
FAS 399
FAS 281
RIVER
Boulder
McCarthy
T.4 N.
R.5 W.
JEFFERSON CO.
T.5 N.
TO WHITEHALL
R.4 W.
TO U.S. 10

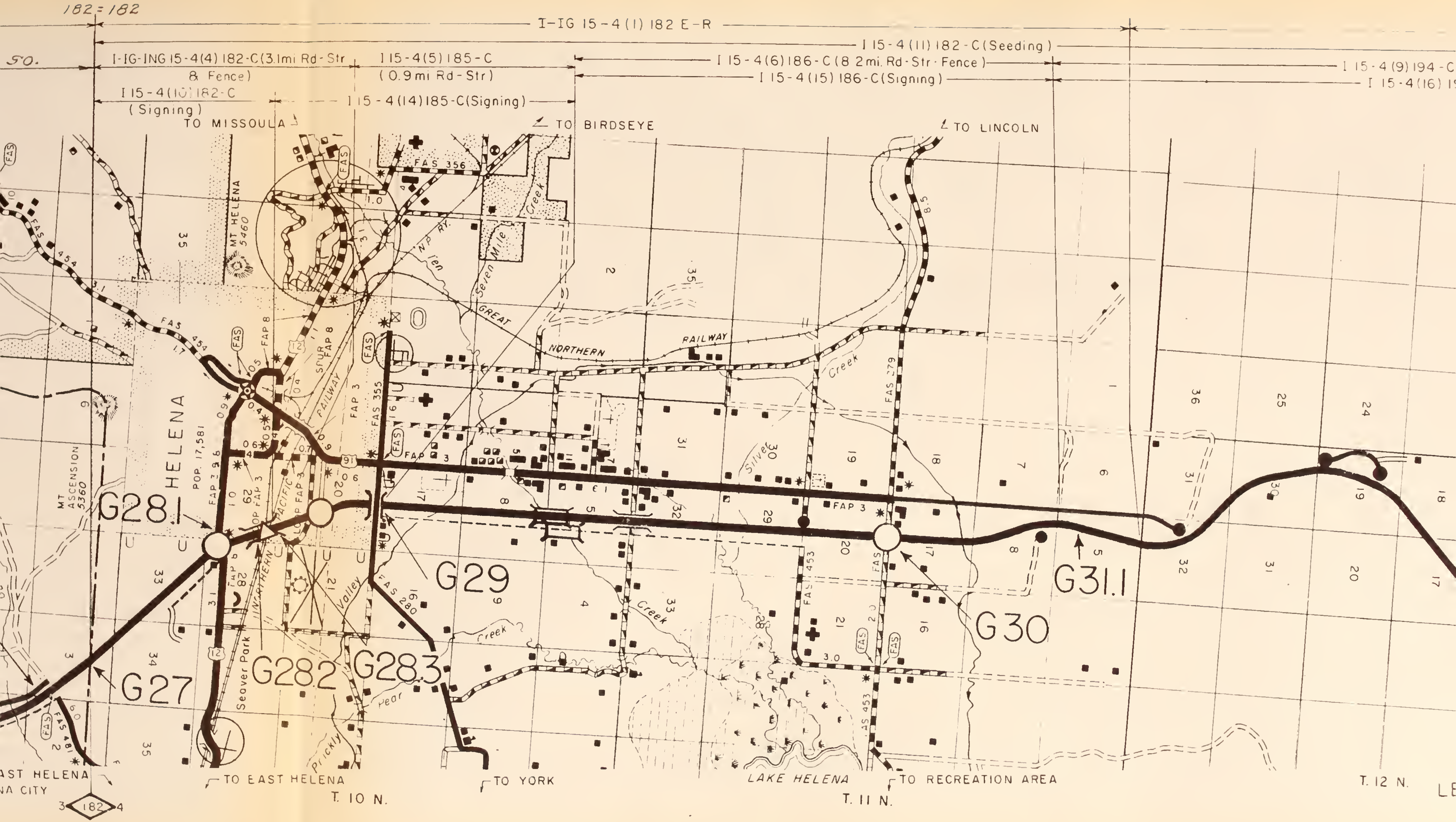


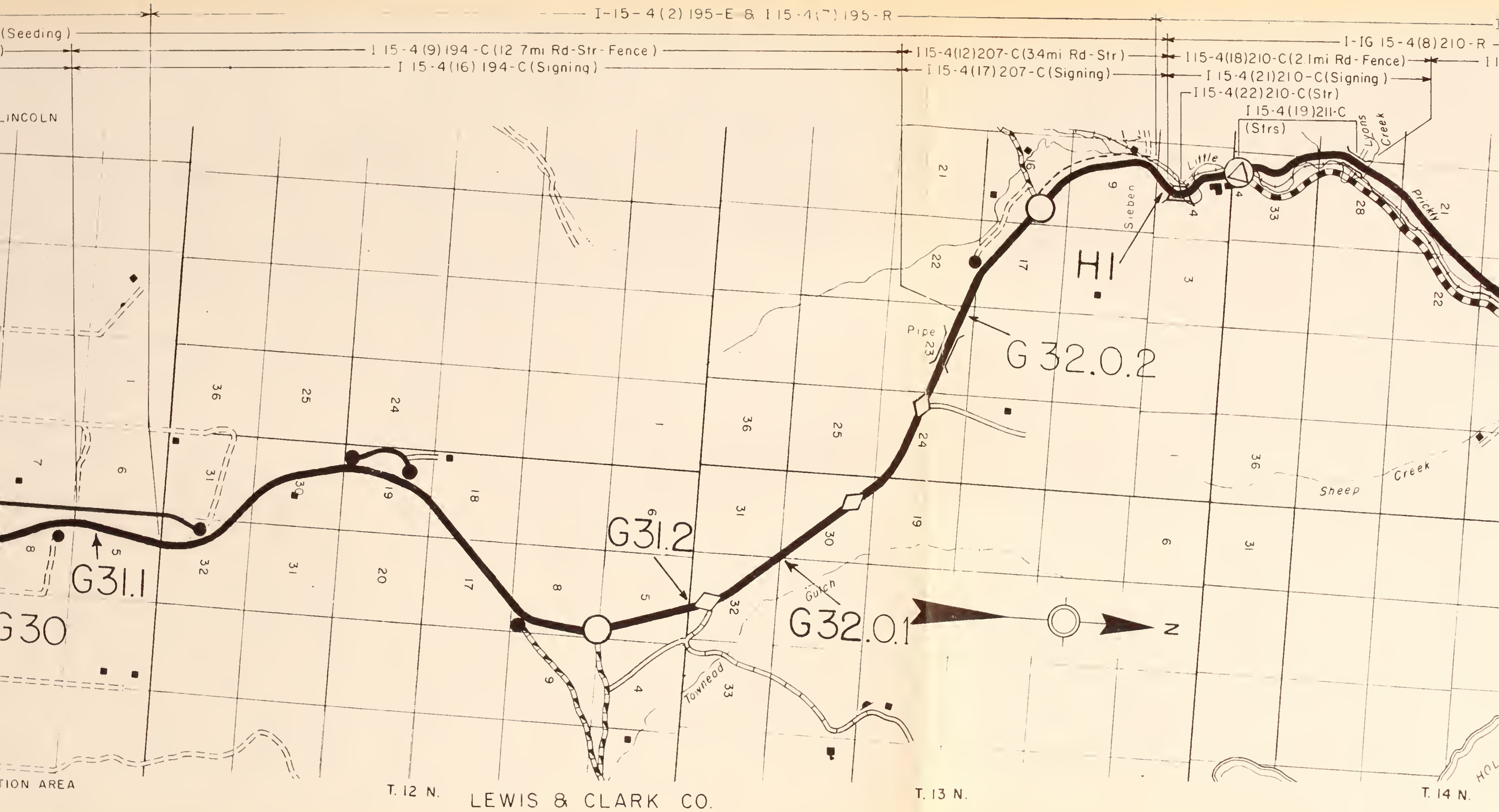

LEGEND FOR INTERSTATE ROUTES
INTERSTATE LOCATION STEP 4-5
INTERSTATE LOCATION STEP 1-2-3
INTERCHANGE
HIGHWAY GRADE SEPARATION - NO CONNECTION
RAILROAD GRADE SEPARATION
COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
OTHER BRIDGE
TUNNEL
Toll
TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
FRONTAGE ROAD
TERMINATED CROSS ROAD
INTERSECTION AT-GRADE
U U
URBAN AREA BOUNDARY
19
POST MILEAGE
1 2
ROUTE SECTIONS
SCALE IN MILES
0
1
2
3
4

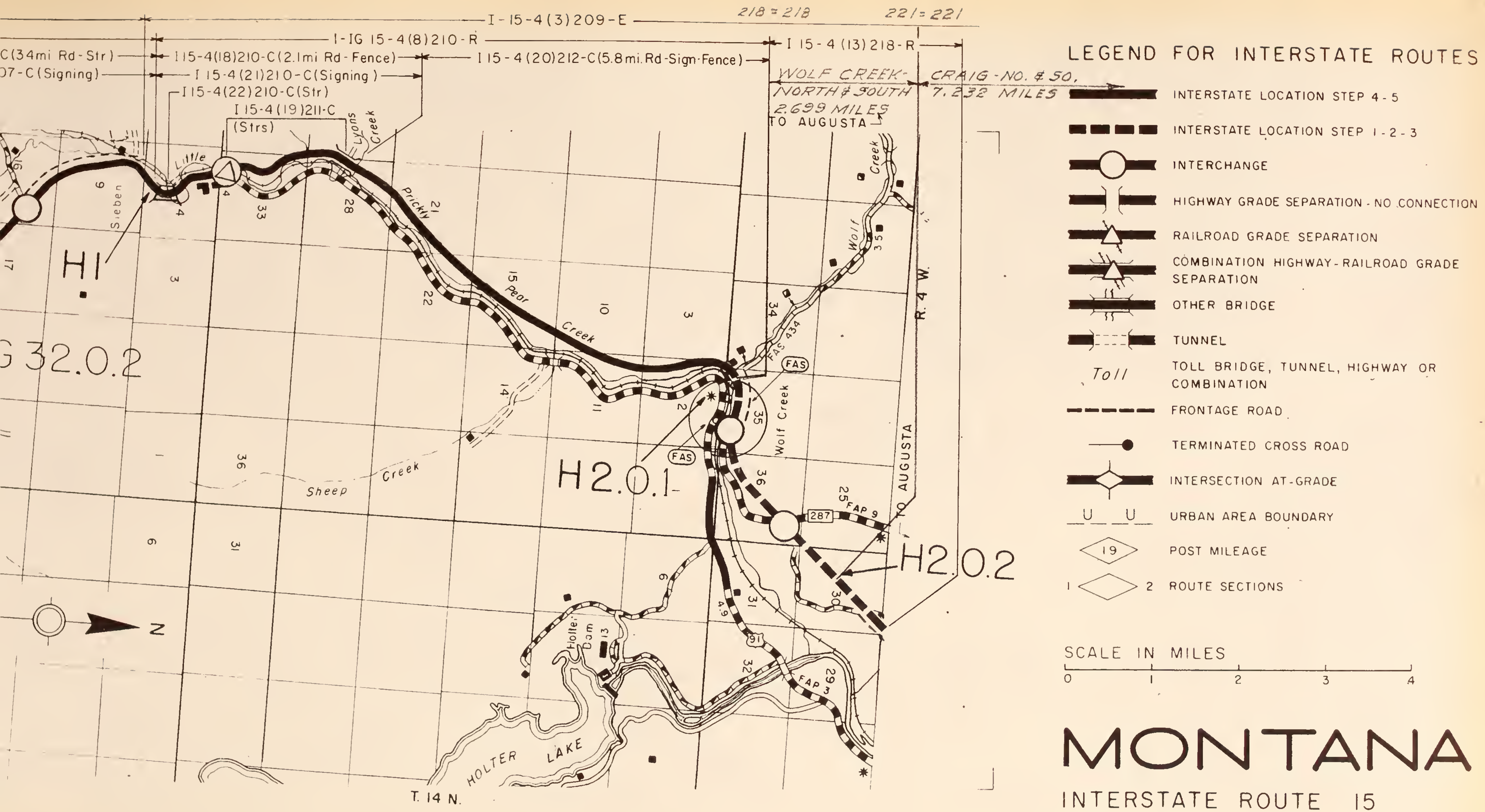
MONTANA

INTERSTATE ROUTE 15
Sheet 3 of 8
Date January 1, 1964
INTERSTATE ROUTE 115
(COMPLETE ROUTE ON THIS SHEET.)


168=168
173=173
178=178
182=182
I-IG 15-3(1)171-E
BOULDER HILL-NO.
4.8 MILES
JEFFERSON CITY-NORTH & SOUTH
5.3 MILES
CLANCY-NORTH & SOUTH
5.3 MILES
MONTANA CITY-NO. & SO.
4.1 MILES
I-IG-
I 15
JEFFERSON CO.
LEWIS & CLARK CO.
G25.0.1
G25.0.2
G26.1
G26.2
Corbin
Comet
Creek
Beavertown
FAP 3
Jefferson City
GREAT
NORTHERN
RAILWAY
Westover
Gulch
Clancy
Alhambra
Lump
Little
Buffalo
Creek
Unionville
FAS
454
Jackson
Dutchman Creek
Prickly Pear Creek
Springs Creek
Warm
Badger Creek
Rattlesnake
Strawberry
Clancy
Pipe Creek
Pipe
MT ASCENSION 5360
FAS 518
FAS 481
R. 3 W.
T. 7 N.
T. 8 N.
T. 9 N.
JEFFERSON CO.
TO EAST HELENA
TO MONTANA CITY
3 182 4


182=182
I-IG 15-4(1) 182 E-R
I 15-4(11) 182-C(Seeding)
SO.
I-IG-ING 15-4(4) 182-C(3.1mi Rd-Str & Fence)
I 15-4(5) 185-C (0.9mi Rd-Str)
I 15-4(6) 186-C(8.2mi. Rd-Str-Fence)
I 15-4(15) 186-C(Signing)
I 15-4(9) 194-C
I 15-4(16) 1
I 15-4(10) 182-C (Signing)
I 15-4(14) 185-C(Signing)
TO MISSOULA
TO BIRDSEYE
TO LINCOLN
MT HELENA 5460
MT ASCENSION 5360
HELENA
POP. 17,581
FAS 454
FAS 356
FAS 355
FAS 279
FAS 280
FAS 453
FAS 481
FAP 8
SPUR FAP 8
FAP 3
LOOP FAP 3
FAP 6
N.P. RY.
NORTHERN PACIFIC
GREAT NORTHERN RAILWAY
Seven Mile Creek
Silver Creek
Prickly Pear Creek
Valley
Seaver Park
G27
G28.1
G28.2
G28.3
G29
G30
G31.1
EAST HELENA
NA CITY
TO EAST HELENA
TO YORK
LAKE HELENA
TO RECREATION AREA
T. 10 N.
T. 11 N.
T. 12 N.
LE
3 182 4


I-15-4(2)195-E & I 15-4(7)195-R
(Seeding)
I 15-4(9)194-C(12 7mi Rd-Str-Fence)
I 15-4(16)194-C(Signing)
I 15-4(12)207-C(3.4mi Rd-Str)
I 15-4(17)207-C(Signing)
I-IG 15-4(8)210-R
I 15-4(18)210-C(2.1mi Rd-Fence)
I 15-4(21)210-C(Signing)
I 15-4(22)210-C(Str)
I 15-4(19)211-C
(Strs)
LINCOLN
Lyons Creek
Little
Prickly
Sieben
Pipe
Sheep Creek
Gulch
Townead
H1
G32.0.2
G31.2
G32.0.1
G31.1
G30
N
TION AREA
T. 12 N.
LEWIS & CLARK CO.
T. 13 N.
T. 14 N.
HOL

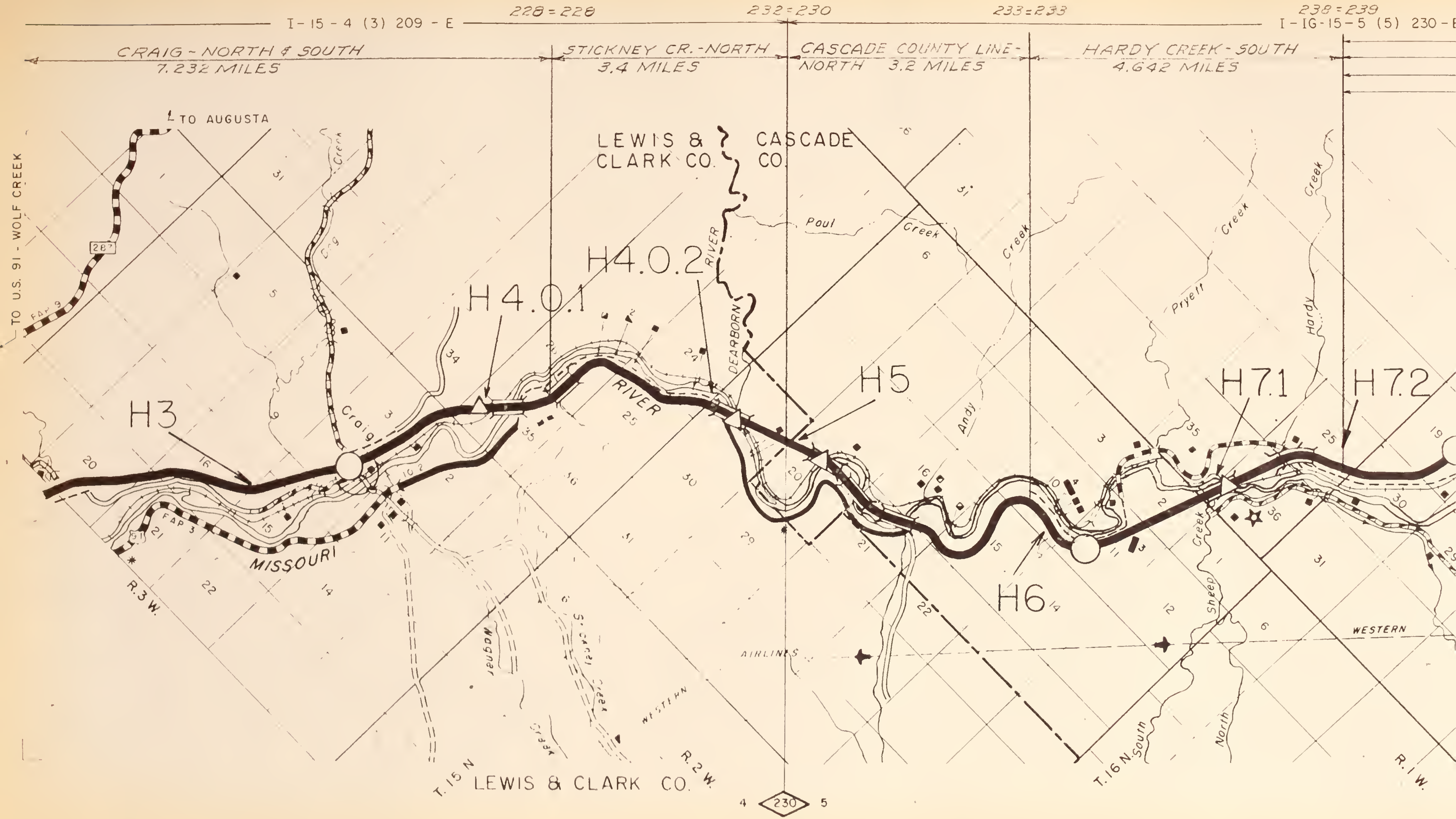


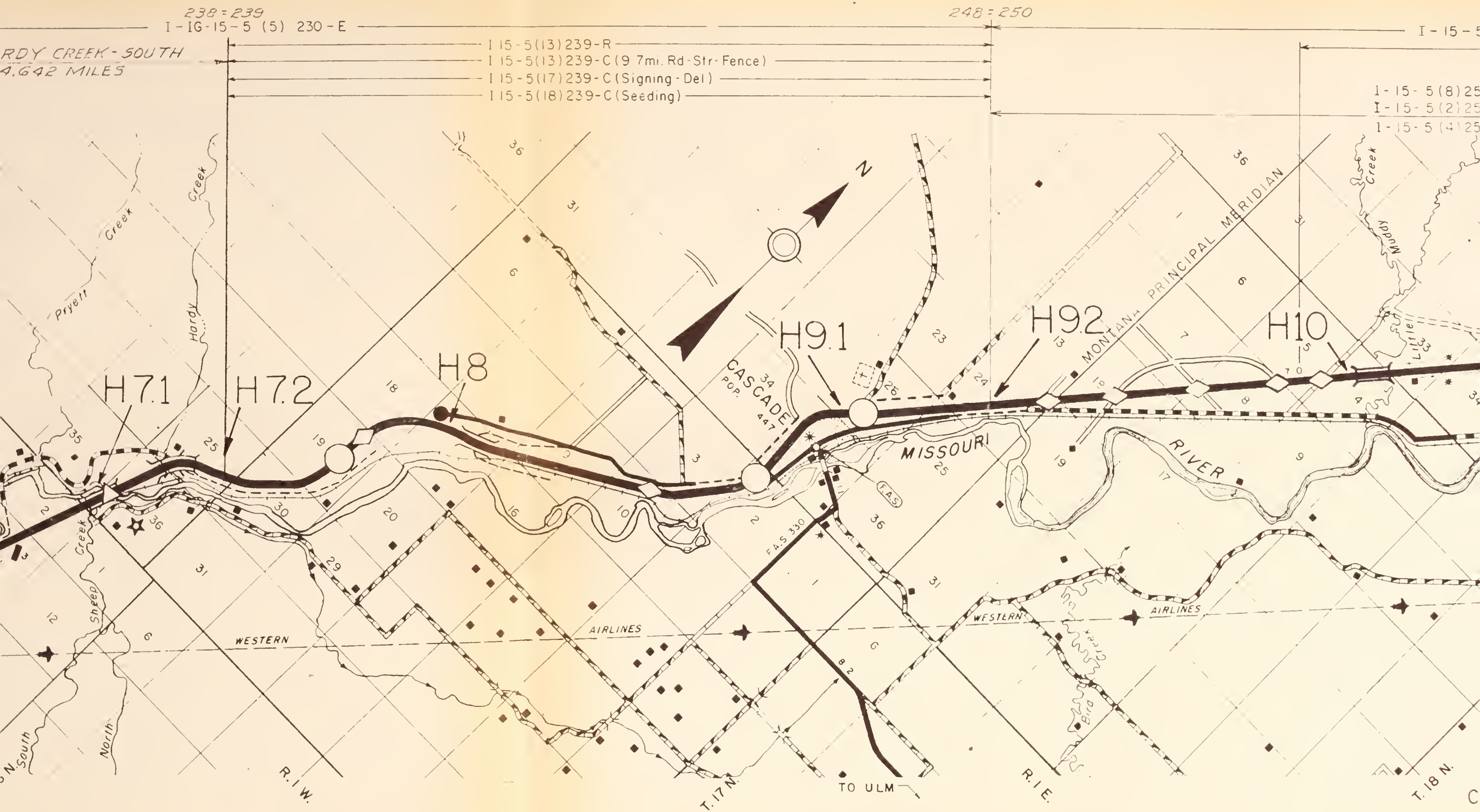
MONTANA

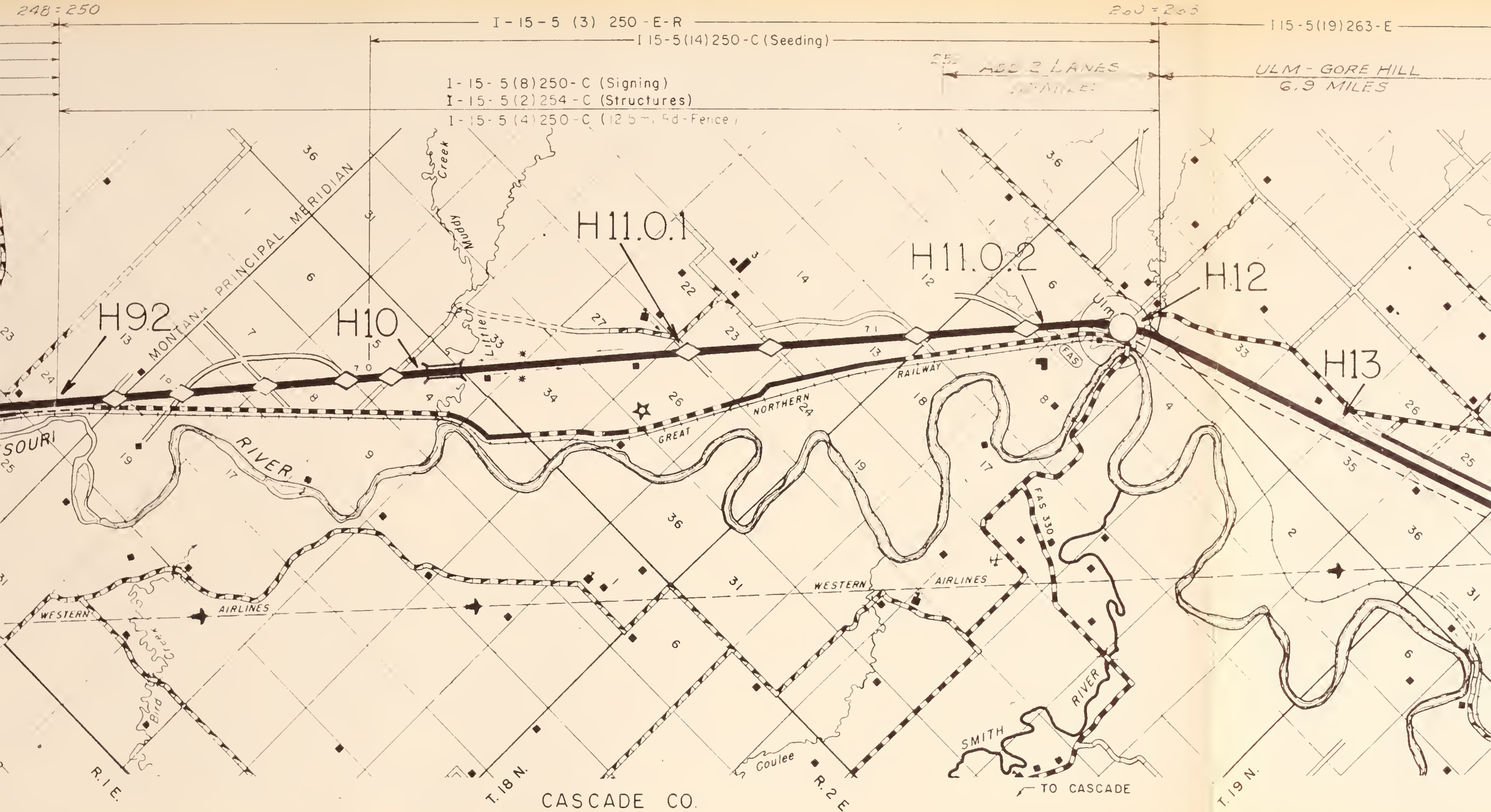
INTERSTATE ROUTE 15

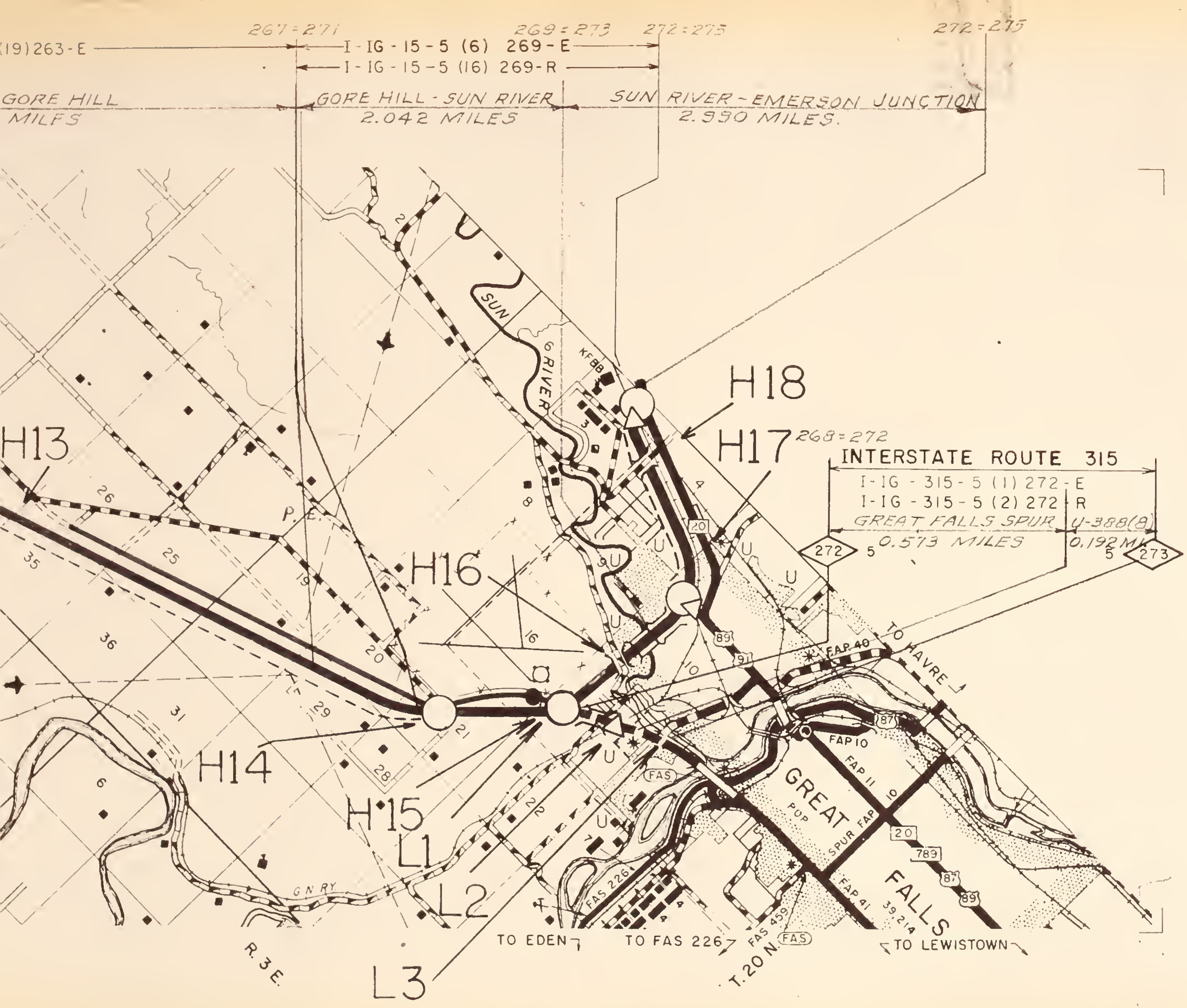
Sheet 4 of 8

Date January 1, 1964


I-15-4 (3) 209-E
228=228
232=230
233=233
238=239
I-IG-15-5 (5) 230-E
CRAIG - NORTH & SOUTH
7.232 MILES
STICKNEY CR.-NORTH
3.4 MILES
CASCADE COUNTY LINE-NORTH 3.2 MILES
HARDY CREEK - SOUTH
4.642 MILES
TO AUGUSTA
TO U.S. 91 - WOLF CREEK
287
FAP 9
FAP 3
91
LEWIS & CLARK CO.
CASCADE CO.
Craig
Creek
Poul
Pryett
Andy
Hardy
Sheep
South
North
DEARBORN
RIVER
MISSOURI
H3
H4.0.1
H4.0.2
H5
H6
H7.1
H7.2
AIRLINES
WESTERN
Wagner
St. Peter Creek
R.3W.
R.2W.
R.1W.
T.15N
T.16N
LEWIS & CLARK CO.
4
230
5


238=239
I-IG-15-5 (5) 230-E
248=250
I-15-5
RDY CREEK-SOUTH
4.642 MILES
I 15-5(13)239-R
I 15-5(13)239-C(9.7mi. Rd-Str-Fence)
I 15-5(17)239-C(Signing-Del)
I 15-5(18)239-C(Seeding)
I-15-5(8)25
I-15-5(2)25
I-15-5(4)25
N
H7.1
H7.2
H8
H9.1
H9.2
H10
CASCADE
POP. 447
MISSOURI
RIVER
MONTANA PRINCIPAL MERIDIAN
Pryett Creek
Hardy Creek
Creek
Sheep Creek
North
South
Muddy Creek
Little
Bird Creek
WESTERN AIRLINES
WESTERN AIRLINES
F.A.S.
F.A.S. 330
TO ULM
R.1 W.
R.1 E.
T.17 N.
T.18 N.


248 = 250
I - 15 - 5 (3) 250 - E - R
260 = 263
I 15 - 5 (19) 263 - E
I 15 - 5 (14) 250 - C (Seeding)
ADD 2 LANES
ULM - GORE HILL
6.9 MILES
I - 15 - 5 (8) 250 - C (Signing)
I - 15 - 5 (2) 254 - C (Structures)
I - 15 - 5 (4) 250 - C (12.5 mi. Rd - Fence)
MONTANA PRINCIPAL MERIDIAN
Muddy Creek
Little
H9.2
H10
H11.0.1
H11.0.2
H12
H13
Ulm
FAS
FAS 330
GREAT NORTHERN RAILWAY
MISSOURI RIVER
WESTERN AIRLINES
Bird Creek
Coulee
SMITH RIVER
TO CASCADE
R.1 E.
T.18 N.
CASCADE CO.
R.2 E.
T.19 N.



LEGEND FOR INTERSTATE ROUTES

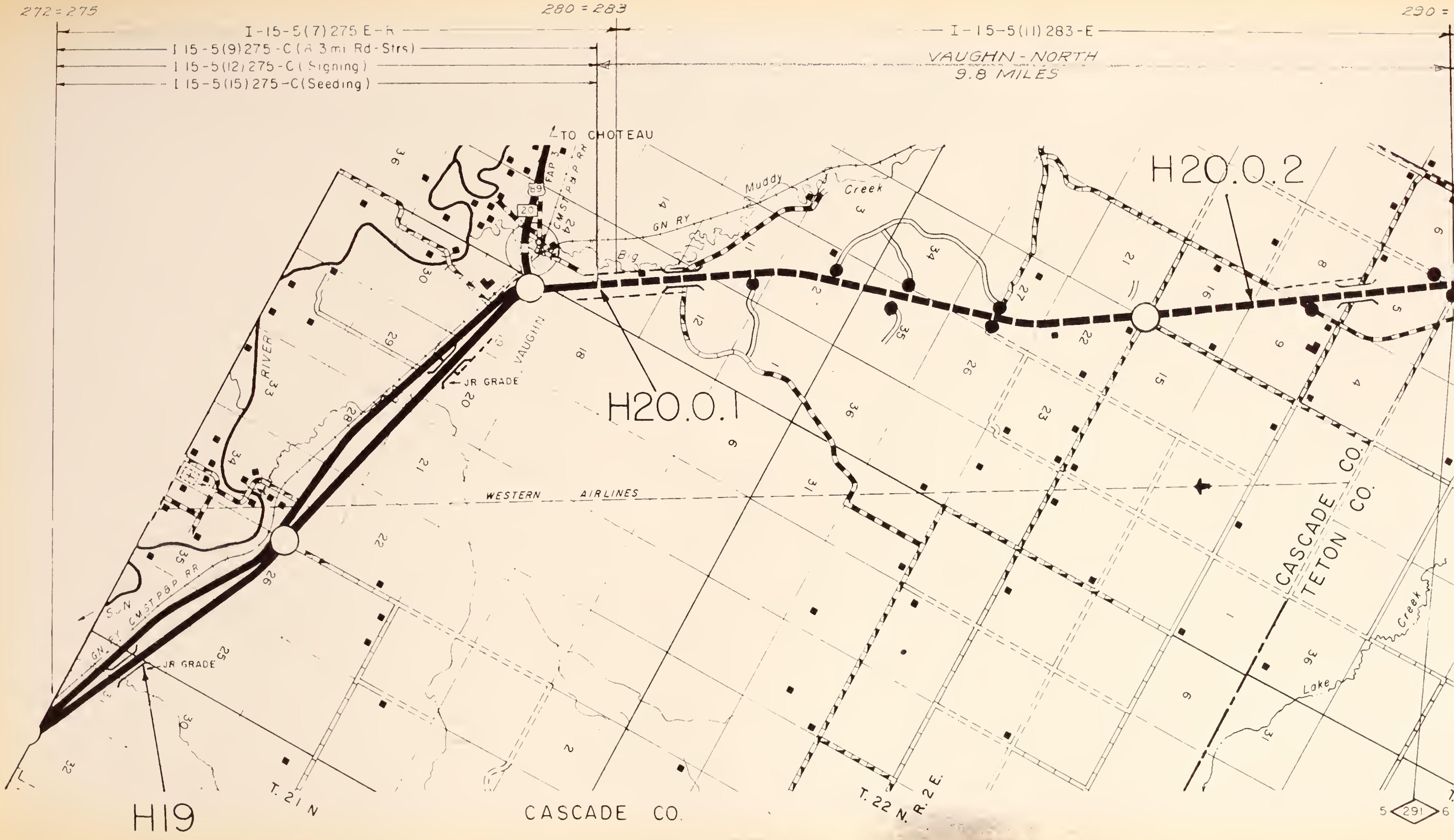
- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 2 — ROUTE SECTIONS

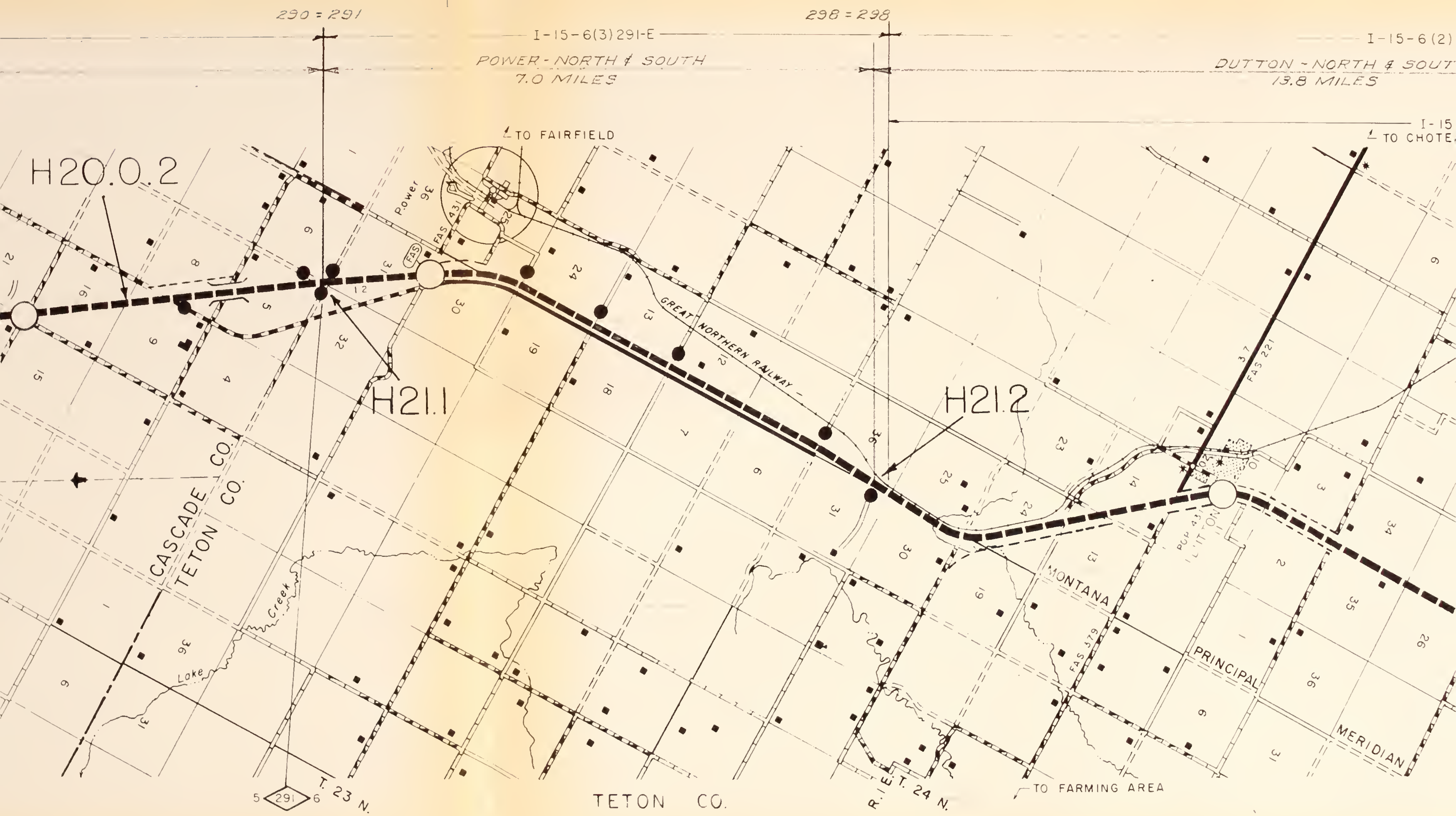
SCALE IN MILES

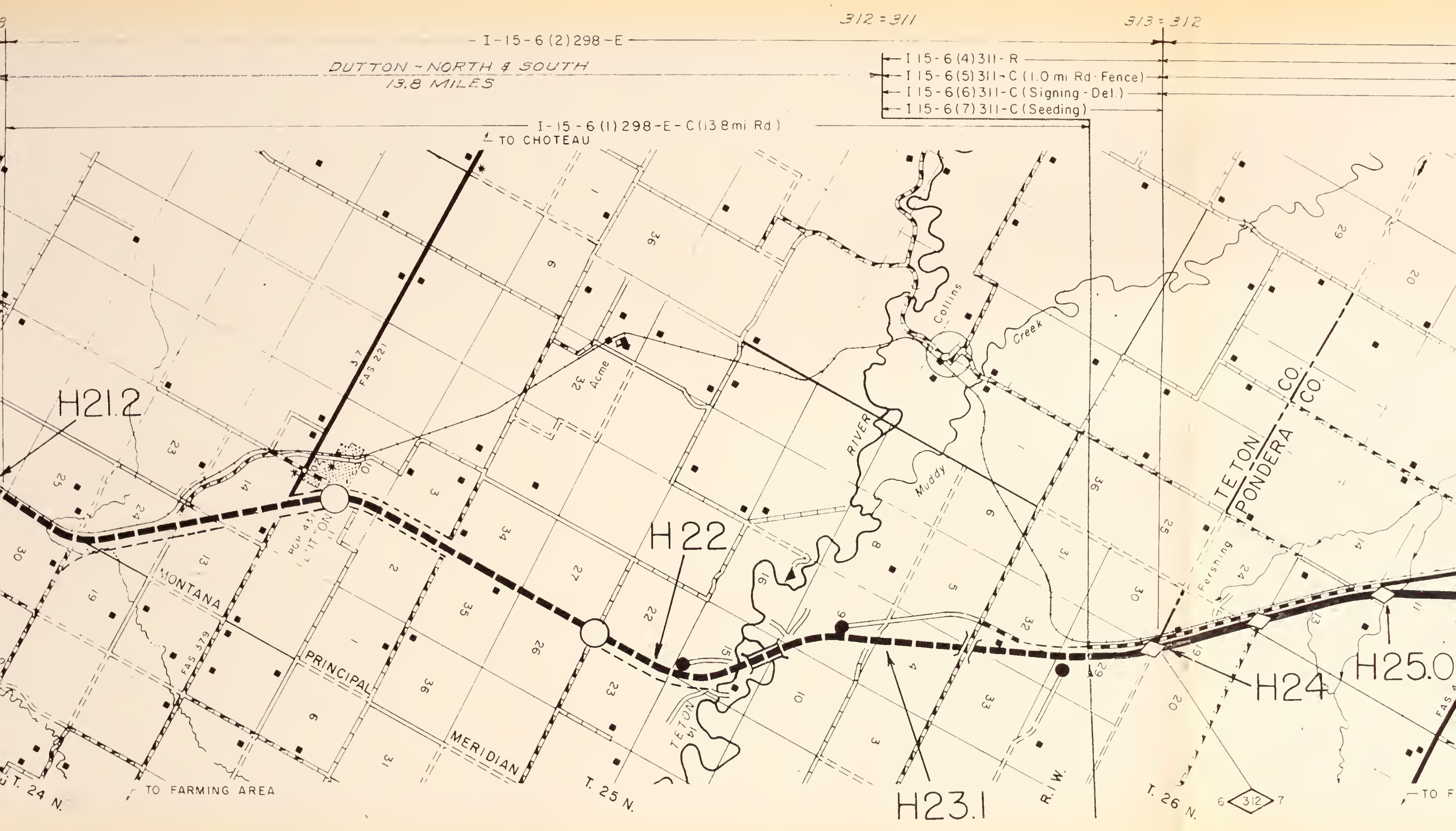
0 1 2 3 4

MONTANA

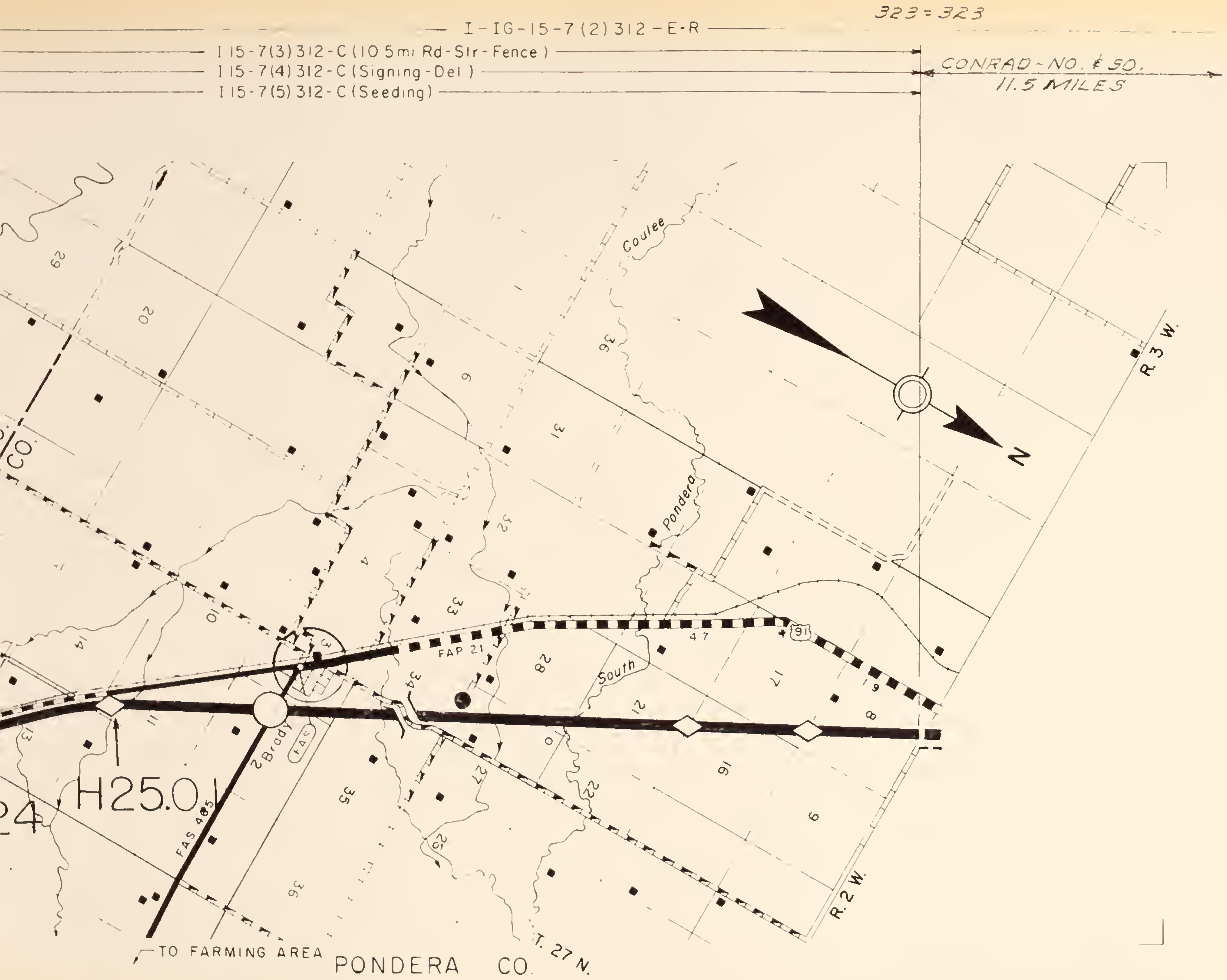
INTERSTATE ROUTE 15
Sheet 5 of 8
Date January 1, 1964
INTERSTATE ROUTE 315
(COMPLETE ROUTE ON THIS SHEET.)


272 = 275
280 = 283
290 =
I-15-5(7)275 E-R
I 15-5(9)275-C (8.3 mi Rd-Strs)
I 15-5(12)275-C (Signing)
I 15-5(15)275-C (Seeding)
I-15-5(11)283-E
VAUGHN - NORTH
9.8 MILES
TO CHOTEAU
FAP 3
CMSTP&P RR
89
20
GN RY
Muddy
Creek
Big
RIVER
VAUGHN
JR GRADE
H20.0.1
H20.0.2
WESTERN AIRLINES
S-N
GN RY
CMSTP&P RR
JR GRADE
H19
T. 21 N
CASCADE CO.
T. 22 N. R. 2 E.
CASCADE CO.
TETON CO.
Creek
Lake
291


290 = 291
I-15-6(3)291-E
POWER - NORTH & SOUTH
7.0 MILES
298 = 298
I-15-6(2)
DUTTON - NORTH & SOUT
13.8 MILES
I-15
TO FAIRFIELD
TO CHOTE
H20.0.2
H21.1
H21.2
Power
FAS 431
FAS
GREAT NORTHERN RAILWAY
3.7
FAS 221
CASCADE CO.
TETON CO.
Lake
Creek
FAS 379
MONTANA
PRINCIPAL
MERIDIAN
5
291
6
T. 23 N.
TETON CO.
R. 1 E.
T. 24 N.
TO FARMING AREA



312 = 311
313 = 312
I-15-6(2)298-E
DUTTON ~ NORTH & SOUTH
13.8 MILES
I 15-6(4)311-R
I 15-6(5)311-C (1.0 mi Rd-Fence)
I 15-6(6)311-C (Signing-Del.)
I 15-6(7)311-C (Seeding)
I-15-6(1)298-E-C (13.8 mi Rd)
TO CHOTEAU
3.7
FAS 221
Acme
Collins
Creek
RIVER
Muddy
TETON
PONDERA
CO.
CO.
Fershing
H21.2
H22
H23.1
H23.2
H24
H25.0
PUP 431
LITTON
MONTANA
PRINCIPAL
MERIDIAN
FAS 379
TETON
TO FARMING AREA
T. 24 N.
T. 25 N.
T. 26 N.
R. 1 W.
6
312
7
TO F
36
9
32
23
25
24
14
30
13
19
10
3
34
2
27
22
35
26
36
9
31
23
15
16
8
6
5
4
10
3
33
1
9
31
32
36
30
29
25
19
20
24
13
11
14
20
29



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 2 — ROUTE SECTIONS

SCALE IN MILES

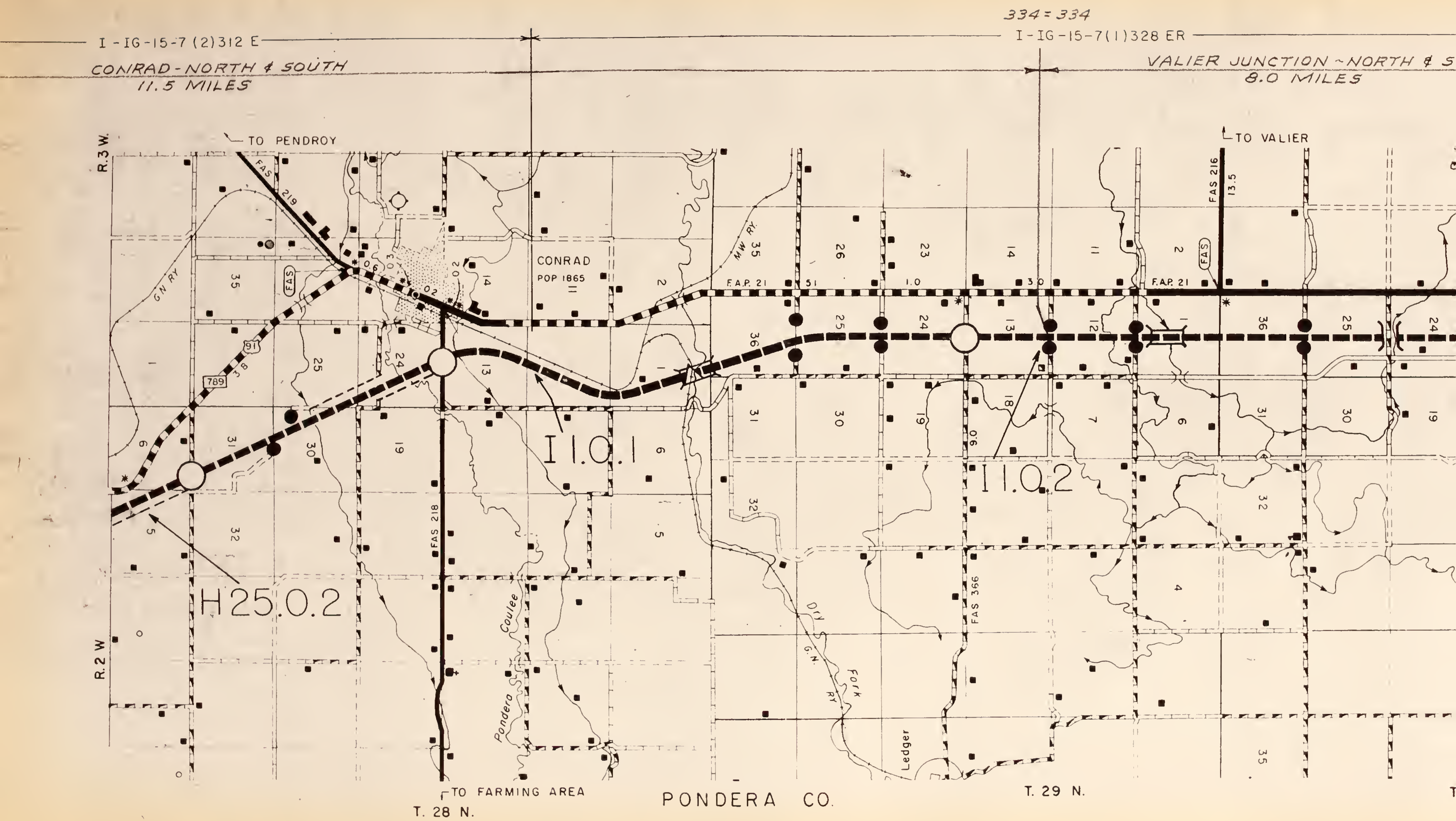
0 1 2 3 4

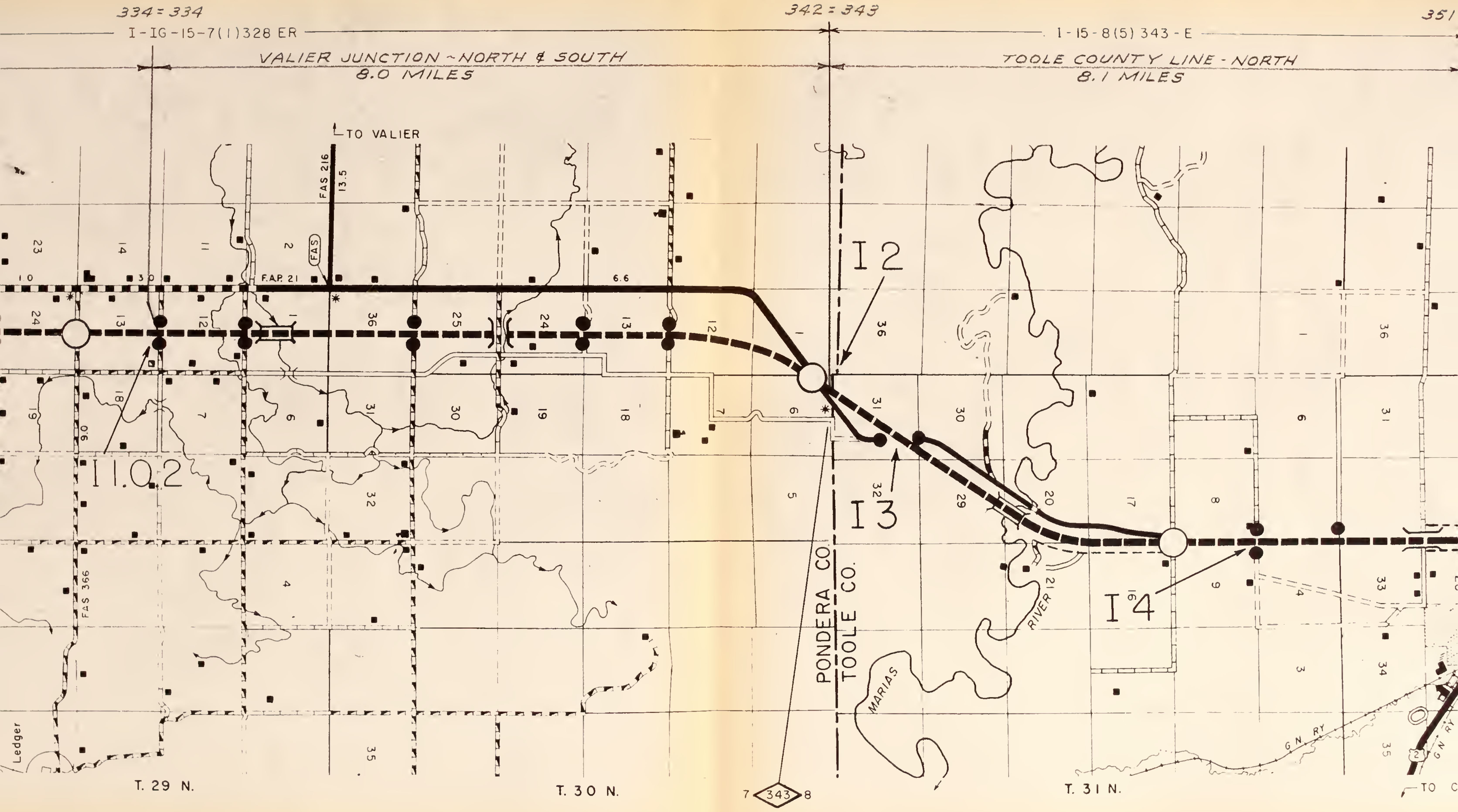
MONTANA

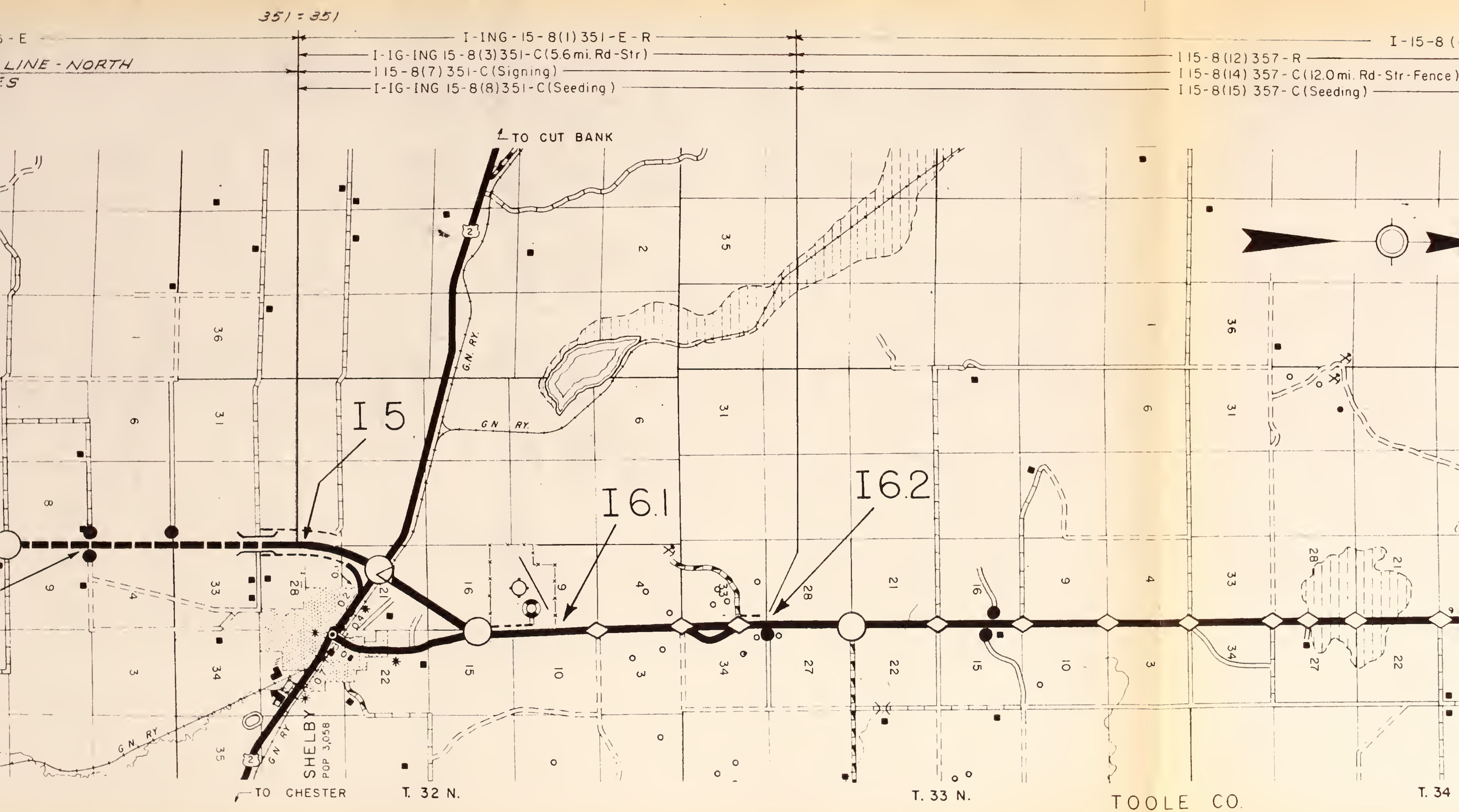
INTERSTATE ROUTE 15

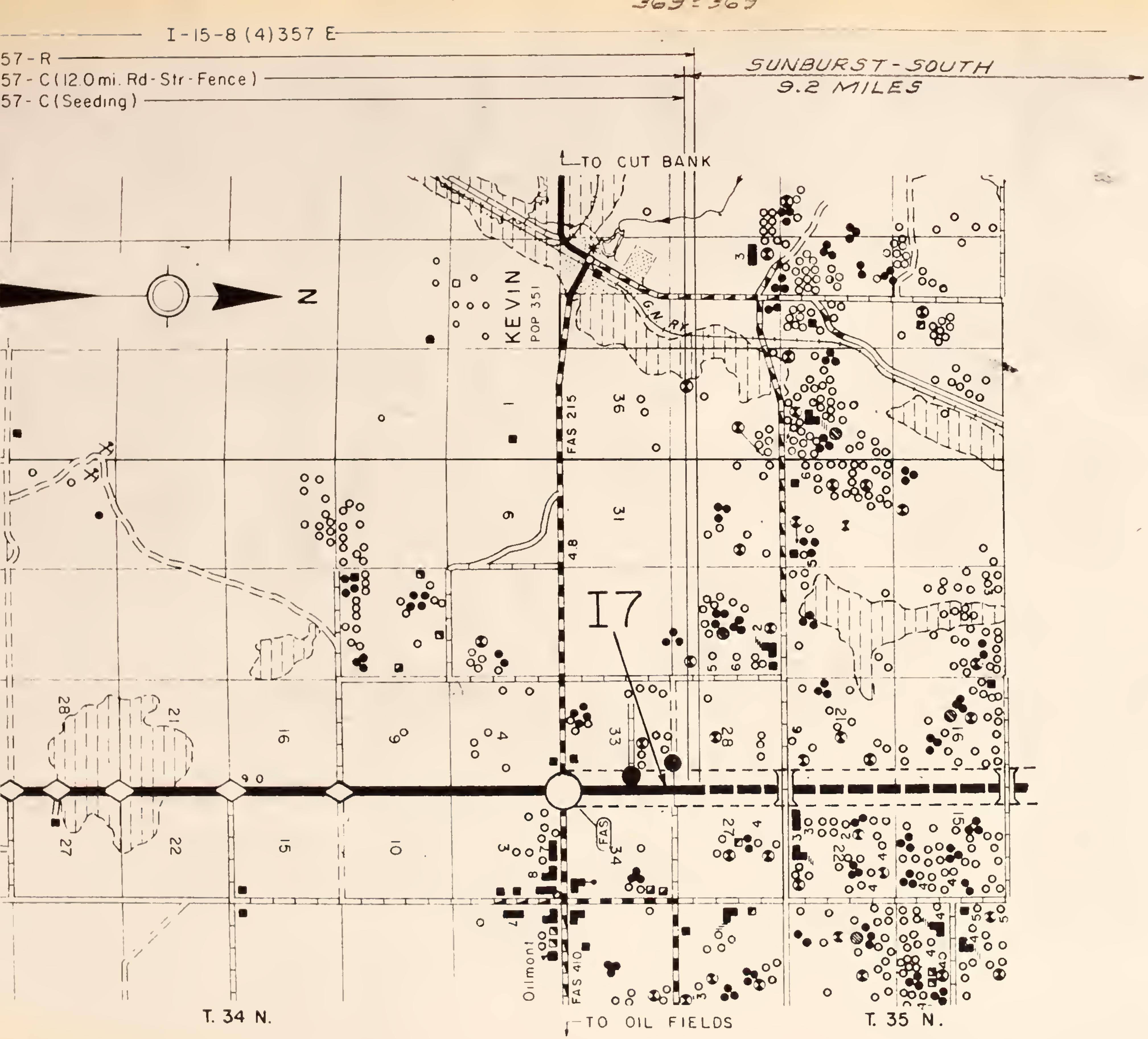
Sheet 6 of 8

Date January 1, 1964


334 = 334
I-IG-15-7 (2) 312 E
I-IG-15-7 (1) 328 ER
CONRAD - NORTH & SOUTH
11.5 MILES
VALIER JUNCTION ~ NORTH & S
8.0 MILES
TO PENDROY
TO VALIER
R.3 W.
R.2 W.
FAS 219
FAS
GN RY
91
789
3.8
.06
.03
.02
.02
CONRAD
POP 1865
MW RY
F.A.P. 21
.51
1.0
3.0
FAS 216
13.5
FAS
I1.0.1
I1.0.2
H25.0.2
FAS 218
FAS 366
9.0
Coulee
Pondera
Dry
Fork
G.N. RY
Ledger
TO FARMING AREA
T. 28 N.
PONDERA CO.
T. 29 N.
T
35
26
23
14
11
2
25
24
13
12
1
36
36
31
30
19
18
7
6
32
5
4
14
2
1
9
31
30
19
9
5
32
35
25
24
13
6
5
31
30
19
32
35
24


334 = 334
I-IG-15-7(1)328 ER
342 = 343
1-15-8(5) 343-E
351
VALIER JUNCTION ~ NORTH & SOUTH
8.0 MILES
TOOLE COUNTY LINE - NORTH
8.1 MILES
TO VALIER
FAS 216
13.5
FAS
F.A.P. 21
6.6
3.0
1.0
I1.02
I2
I3
I4
9.0
FAS 366
PONDERA CO.
TOOLE CO.
MARIAS
RIVER
G.N. RY
Ledger
T. 29 N.
T. 30 N.
T. 31 N.
7
343
8
TO C
2


351 = 351
- E
I-ING-15-8(1)351-E-R
I-15-8(
I-IG-ING 15-8(3)351-C(5.6 mi. Rd-Str)
I 15-8(12) 357-R
LINE - NORTH
ES
I 15-8(7) 351-C(Signing)
I 15-8(14) 357-C(12.0 mi. Rd-Str-Fence)
I-IG-ING 15-8(8)351-C(Seeding)
I 15-8(15) 357-C(Seeding)
TO CUT BANK
2
G.N. RY.
G N RY.
I 5
I 6.1
I 6.2
SHELBY
POP 3,058
G.N. RY
TO CHESTER
T. 32 N.
T. 33 N.
TOOLE CO.
T. 34
36
31
6
8
9
4
3
33
34
35
28
21
22
16
15
10
2
1
35
31
6
4
3
33
34
28
27
21
22
16
15
9
10
4
3
36
31
33
34
28
27
21
22



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 2 — ROUTE SECTIONS

SCALE IN MILES

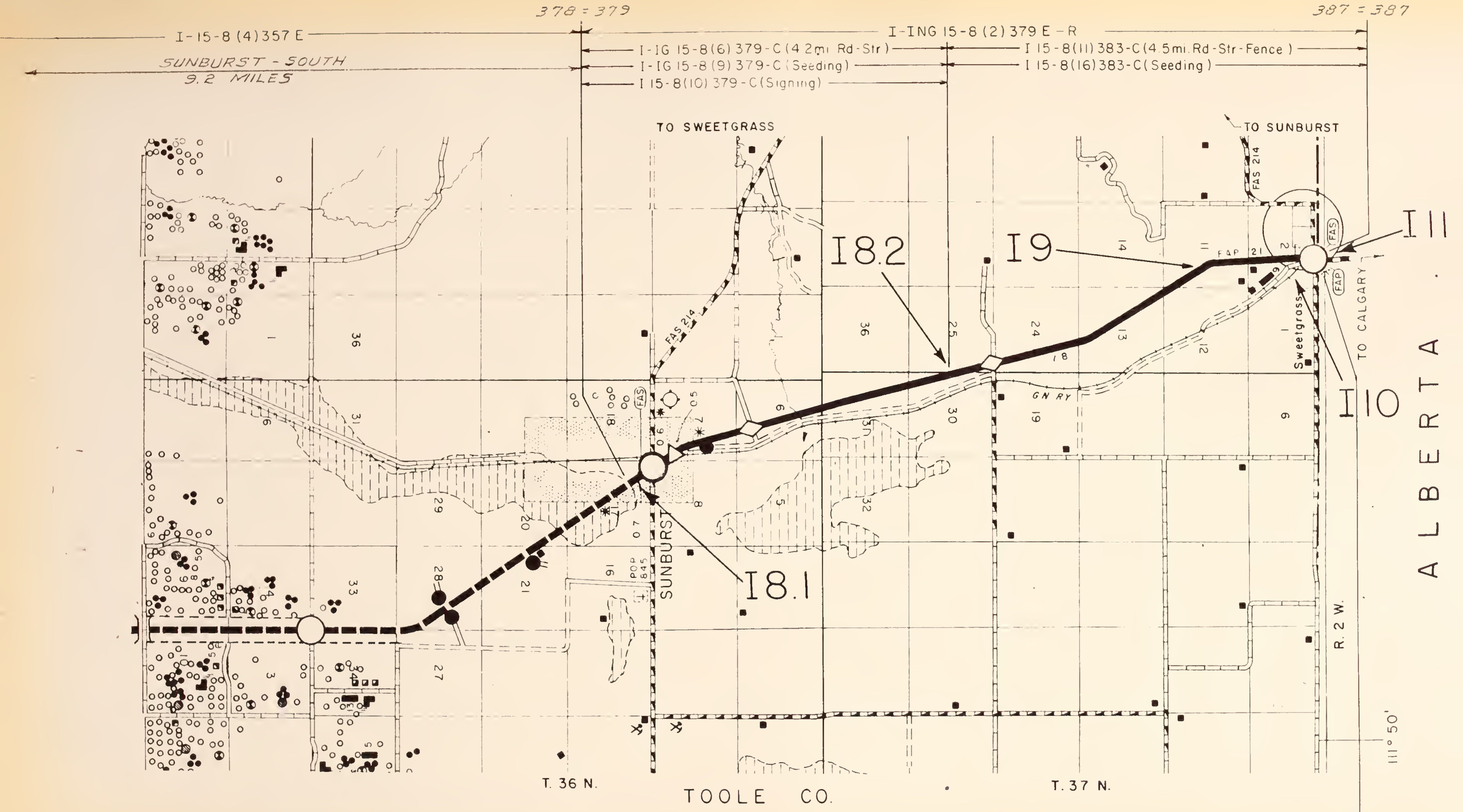
0 1 2 3 4

MONTANA

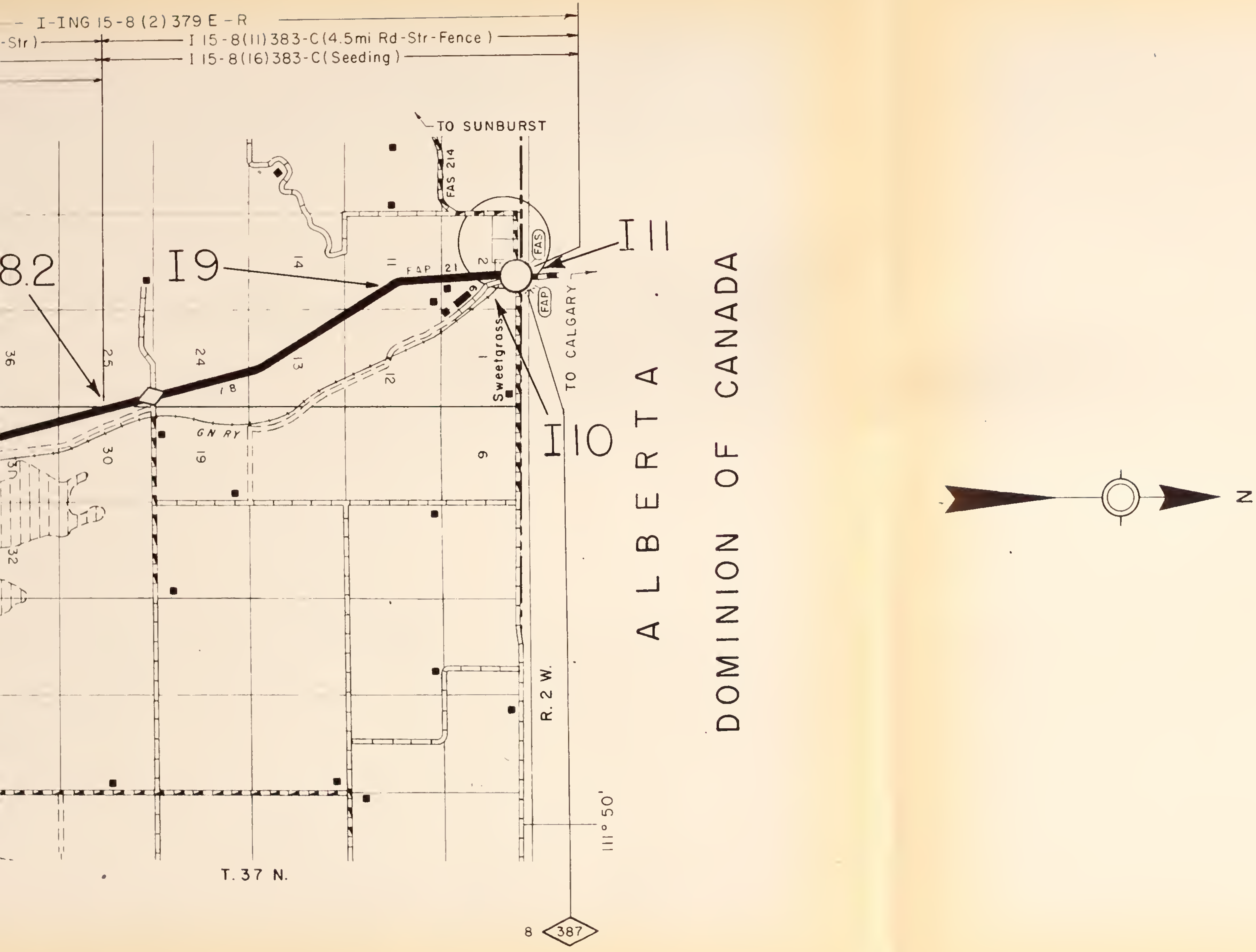
INTERSTATE ROUTE 15

Sheet 7 of 8

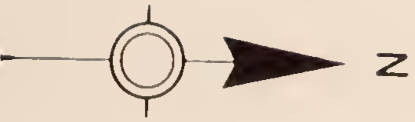
Date January 1, 1964


378 = 379
387 = 387
I-15-8(4)357 E
I-ING 15-8(2)379 E-R
I-IG 15-8(6)379-C(4.2mi Rd-Str)
I 15-8(11)383-C(4.5mi.Rd-Str-Fence)
I-IG 15-8(9)379-C(Seeding)
I 15-8(16)383-C(Seeding)
I 15-8(10)379-C(Signing)
SUNBURST - SOUTH
9.2 MILES
TO SWEETGRASS
TO SUNBURST
FAS 214
I11
I9
I8.2
I8.1
I10
FAP 21
FAS
FAP
TO CALGARY
Sweetgrass
GN RY
SUNBURST
POP 845
ALBERTA
R. 2 W.
111° 50'
T. 36 N.
T. 37 N.
TOOLE CO.
387

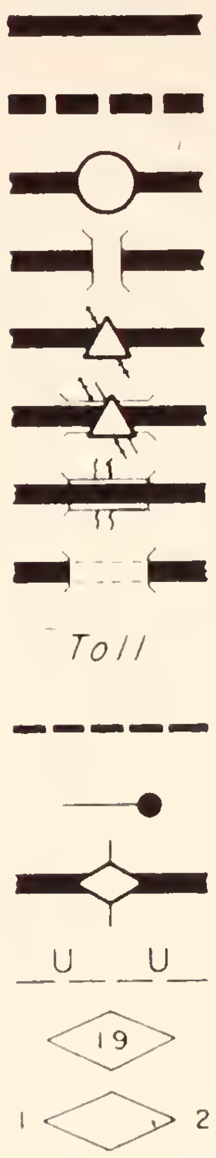
387 = 387



I-ING 15-8 (2) 379 E-R
-Str)
I 15-8(11) 383-C (4.5mi Rd-Str-Fence)
I 15-8(16) 383-C (Seeding)
TO SUNBURST
FAS 214
FAS
FAP
FAP 21
I 11
I 9
I 10
8.2
Sweetgrass
TO CALGARY
GN RY
ALBERTA
DOMINION OF CANADA
R. 2 W.
T. 37 N.
111° 50'
8
387
N
36
25
24
14
13
12
11
2
1
18
30
19
9
32

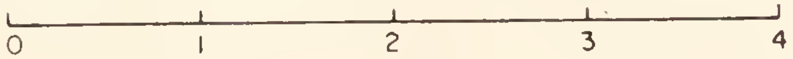

N

LEGEND FOR INTERSTATE ROUTES



INTERSTATE LOCATION STEP 4-5
INTERSTATE LOCATION STEP 1-2-3
INTERCHANGE
HIGHWAY GRADE SEPARATION - NO CONNECTION
RAILROAD GRADE SEPARATION
COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
OTHER BRIDGE
TUNNEL
TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
FRONTAGE ROAD
TERMINATED CROSS ROAD
INTERSECTION AT-GRADE
URBAN AREA BOUNDARY
POST MILEAGE
ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15

Sheet 8 of 8

Date January 1, 1964

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I - 90

Sheet 1 of 4

PROJECT SECTION (POST MILE LIMITS)	0 - 5	5 - 11	11 - 16	16 - 22	22 - 27	27 - 32	32 - 35	35 - 43	48 - 50	50 - 54	54 - 60	60 - 62	85 - 95
Section length, miles	5.0	5.7	5.7	5.7	5.2	4.6	3.3	7.9	1.714	4.275	5.667	1.982	10.190
Number of Lanes	4	4	4	4	4	4	4	4	Add 2	Frontage Road Only	4	Add 2	4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	88	110	186	253	49	15	225	80	--	--	--	--	294
3. Clear & Grub; demolition	153	183	182	181	140	140	42	241	--	--	122	--	--
4. Utility Adjustments	26	64	33	40	29	14	6	48	--	--	--	--	23
5. Grade & Drain; minor structures	2244	1817	1073	680	720	626	742	1106	114	30	872	220	736
6. Base; surfacing; shoulders	646	641	631	672	484	487	359	901	105	16	666	117	1996
7. R.R. Grade Separations	105	276	--	--	--	--	1114	177	--	--	1044	--	--
8. Highway grade separations without ramps	--	--	--	99	--	99	--	--	--	--	--	--	--
9. Interchanges, complete	284	476	155	277	237	--	237	220	--	--	290	--	406
10. Other bridges; tunnels	48	118	78	--	40	--	253	--	562	--	Contracted	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	208	244	188	181	147	140	77	192	1	--	57	9	114
13. Roadside improvement	--	--	--	--	--	--	3	8	1	--	85	--	9
14. All other items	12	107	--	--	--	--	--	--	--	--	21	--	80
15. Subtotal, lines 3 to 14	3726	3926	2340	2058	1797	1506	2833	2893	783	46	3157	346	3364
16. Construction Engineering & Contingencies, 10% of line 15	373	393	234	206	180	151	283	289	78	4	316	35	336
17. Total Estimated Construction Cost	4099	4319	2574	2264	1977	1656	3116	3182	861	50	3473	381	3700

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I – 90

Sheet 2 of 4

PROJECT SECTION (POST MILE LIMITS)	103-106	120 - 128	128-135	135-143	143-150	166-172	172-179	188-194	194-195	195-205	209-216	250-256	256-265
Section length, miles	3.460	7.9	7.0	7.605	7.583	5.9	6.9	6.5	0.8	10.0	6.953	5.5	9.0
Number of Lanes	4	4	4	4	4	4	4	4	4	4	4	4	2 & 4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	--	376	33	--	--	128	211	391	23	196	--	80	124
3. Clear & Grub; demolition	--	61	152	205	122	91	--	--	--	--	--	--	31
4. Utility Adjustments	--	91	145	152	32	38	5	17	--	16	31	11	27
5. Grade & Drain; minor structures	629	968	1021	1520	1970	893	1880	615	98	847	749	837	2105
6. Base; surfacing; shoulders	712	829	893	959	919	639	767	940	111	1434	852	661	924
7. R.R. Grade Separations	--	--	--	--	--	206	188	--	268	--	122	--	--
8. Highway grade separations without ramps	359	--	--	--	94	--	--	72	--	--	--	99	57
9. Interchanges, complete	424	505	230	266	--	237	556	--	--	218	417	210	--
10. Other bridges; tunnels	--	--	--	256	195	--	127	143	--	234	--	119	--
11. Walls	19	--	--	--	--	--	--	--	--	--	--		--
12 Guardrail; fencing; lighting; traffic control devices	133	150	86	159	261	59	87	57	9	110	76	122	304
13. Roadside improvement	3	90	8	7	7	87	7	6	--	11	7	6	9
14. All other items	--	--	--	--	38	--	--	--	--	--	27	--	--
15 Subtotal, lines 3 to 14	2279	2694	2535	3524	3638	2250	3617	1850	486	2870	2281	2065	3457
16. Construction Engineering & Contingencies, 10% of line 15	227	269	253	352	364	225	362	185	49	287	228	206	346
17. Total Estimated Construction Cost	2506	2963	2788	3876	4002	2475	3979	2035	535	3157	2509	2271	3803

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 90

Sheet 3 of 4

PROJECT SECTION (POST MILE LIMITS)	265-272	272-276	305-310	316-319	318-327	350-364	364-377	377-385	398-407	407-415	415-424	424-431	444-447
Section length, miles	7.0	4.4	5.467	3.1	8.5	13.6	12.8	8.961	9.5	8.0	8.5	7.933	2.986
Number of Lanes	2 & 4	4	4	4	4	2 & 4	4	4	4	4	4	4	4
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	88	173	--	--	--	--	--	--	--	--
2. Right-of-Way	96	73	--	44	163	238	217	--	196	235	38	--	--
3. Clear & Grub; demolition	--	15	9	--	--	--	--	--	--	--	--	--	--
4. Utility Adjustments	12	20	39	51	185	290	243	90	63	15	12	59	--
5. Grade & Drain; minor structures	892	558	703	732	1044	724	1347	591	1922	1702	868	1020	240
6. Base; surfacing; shoulders	700	709	1194	390	1027	1405	1710	1229	1366	1319	1020	1033	531
7. R.R. Grade Separations	--	172	447	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	333	--	212	--	217	267	168	88	198	272	169
9. Interchanges, complete	181	290	252	227	227	414	414	--	207	--	205	449	--
10. Other bridges; tunnels	--	399	--	--	--	--	790	159	202	306	163	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	102	75	63	101	164	105	98	70	98	93	42	126	54
13. Roadside improvement	7	4	6	3	72	77	13	9	9	10	13	8	3
14. All other items	--	--	--	--	--	--	--	--	--	89	155	--	--
15. Subtotal, lines 3 to 14	1894	2242	3046	1504	2931	3015	4832	2415	4035	3622	2676	2967	997
16. Construction Engineering & Contingencies, 10% of line 15	189	224	305	150	293	301	483	241	403	362	268	296	100
17. Total Estimated Construction Cost	2083	2466	3351	1654	3224	3316	5315	2656	4438	3984	2944	3263	1097

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I — 90

Sheet 4 of 4

PROJECT SECTION (POST MILE LIMITS)	447-451	451-455	455-461	461-471	471-482	482-489	489-498	509-516	516-528	528-541	541-549		
Section length, miles	3.602	4.2	5.7	10.0	11.4	7.0	8.3	6.557	12.3	12.6	8.7		
Number of Lanes	4	4	4	2 & 4	2 & 4	2	2 & 4	2	4	2	2		
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--		
2. Right-of-Way	--	--	119	244	112	226	818	--	215	143	224		
3. Clear & Grub; demolition	--	--	--	--	--	--	31	--	--	31	--		
4. Utility Adjustments	34	38	20	20	9	3	28	--	68	52	60		
5. Grade & Drain; minor structures	522	477	1515	750	540	324	530	100	1079	566	531		
6. Base; surfacing; shoulders	586	599	725	1006	941	600	828	173	1554	853	727		
7. R.R. Grade Separations	127	--	--	--	94	--	259	--	--	--	--		
8. Highway grade separations without ramps	--	119	256	--	46	46	120	--	115	119	59		
9. Interchanges, complete	610	253	207	203	181	--	402	352	205	--	167		
10. Other bridges; tunnels	--	--	96	64	--	--	632	--	191	67	--		
11. Walls	--	--	--	--	--	--	--	--	--	--	--		
12 Guardrail; fencing; lighting; traffic control devices	103	70	134	92	123	83	98	49	89	50	73		
13. Roadside improvement	1	4	6	75	12	7	8	7	11	76	9		
14. All other items	6	3	--	--	--	--	--	--	--	19	17		
15. Subtotal, lines 3 to 14	1989	1563	2959	2210	1946	1063	2936	681	3312	1833	1643		
16. Construction Engineering & Contingencies, 10% of line 15	199	156	296	221	195	106	294	68	331	183	164	Total This Est.	Total In 1965 Est.
17. Total Estimated Construction Cost	2188	1719	3255	2431	2141	1169	3230	749	3643	2016	1807	132690	131096

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 1 - A 2.0.1	A 2.0.1 - A 2.0.2	A 2.0.2 - A 3.1	A 3.1 - A 3.2	A 3.2 - A 4	A 4 - A 5.1	A 5.1 - A 5.2	A 5.2 - A 6	A 6 - A 7	A 7 - A 8.1	A 8.1 - A 8.2.1	A 8.2.1 - A 8.2.2	A 8.2.2- A 8.3
1. Section length, miles	3.4	3.2	4.4	4.5	7.4	4.6	4.6	0.9	1.2	0.2	0.9	3.7	4.2
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	E	E	E	E	E	E	N	N	E	E	E
4. Design Speed (V)	50	50	50	50	50	50	50	70	70	70	70	70	50
5. Traffic: ADT 1962	1947	1947	1900	1819	1805	1858	1926	1926	1808	1808	1808	1808	1808
6. Traffic: a. ADT 1975	4550	4550	4450	4250	4200	4300	4500	4500	4200	4200	4200	4200	4200
b. DHV 1975	630	630	610	590	580	590	620	620	580	580	580	580	580
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	10	10	10	10	10	10	10	10	10	10	10	10	10
7. Number of through traffic lanes (1975 traffic)	4	2	2	2	2	4	2	2	2	2	2	2	2
8. Traffic ADT 1990	6650	6650	6500	6200	6150	6350	6550	6550	6150	6150	6150	6150	6150
9. Traffic: a. Design Year	1990	1990	1990	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989
b. ADT Design year	6650	6650	6500	6050	6000	6200	6400	6400	6000	6000	6000	6000	6000
c. DHV Design year	920	920	900	830	830	860	880	880	830	830	830	830	830
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	10	10	10	10	10	10	10	10	10	10	10	10	10
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	2.4	---	4.4	4.5	2.4	3.1	2.6	--	0.9	0.2	0.4	3.7	2.2
12. Mileage with frontage road one side only	1.0	3.2	--	--	4.0	1.5	2.0	0.3	0.3	--	0.5	--	2.0
13. Mileage with frontage roads on both sides	--	--	--	--	1.0	--	--	0.6	--	--	--	--	--
14. Typical cross-section reference	46	46	47	47	46	47	46	40	40	73	40	40	46
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	8	8	8	8	8	8	8	46	46	46	46	46	8
Prevailing	8	8	8	8	8	8	8	46	46	46	46	46	8

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 2 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 8.3 - A 9.1	A 9.1 - A 9.2	A 9.2 - A 9.3	A 9.3 - A 10	A 10 - A 11	A 11 - A 12.1	A 12.1 - A 12.2	A 12.2 - A 12.3	A 12.3 - A 12.4	A 12.4 - A 13.1	A 13.1 - A 13.3	A 13.3 - A 14.	A 14.- A 15.0.1
1. Section length, miles	1.4	2.3	1.2	1.8	3.9	5.6	2.0	2.0	1.0	0.8	1.5	4.3	3.7
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	N	N	N	E	N	E	E	E	E	E	N	E
4. Design Speed (V)	70	70	70	70	70	70	70	70	70	70	60	60	60
5. Traffic: ADT 1962	1808	1808	1830	1830	1830	1830	1827	1822	1822	1822	1822	1822	2004
6. Traffic: a. ADT 1975	4200	4200	4250	4250	4250	4250	4250	4250	4250	4250	4250	4250	4650
b. DHV 1975	580	580	590	590	590	590	590	590	590	590	590	590	640
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	10	10	10	10	10	10	10	10	10	10	10	10	10
7. Number of through traffic lanes (1975 traffic)	2	2	4	2	2	2	4	4	2	2	2	2	2
8. Traffic ADT 1990	6150	6150	6250	6250	6250	6250	6200	6200	6200	6200	6200	6200	6850
9. Traffic: a. Design Year	1975	1975	1975	1975	1984	1984	1975	1975	1975	1984	1984	1984	1984
b. ADT Design year	4200	4200	4250	4250	5400	5400	4250	4250	4250	5350	5350	5350	5900
c. DHV Design year	580	580	590	590	750	750	590	590	590	740	740	740	810
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	10	10	10	10	10	10	10	10	10	10	10	10	10
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	2	4	2	4	4	2	4	2	2	2	2	2
11. Mileage without frontage roads	1.4	2.3	1.2	1.8	--	4.3	2.0	2.0	1.0	.8	1.5	4.3	3.2
12. Mileage with frontage road one side only	--	--	--	--	3.9	1.3	--	--	--	--	--	--	--
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	--	--	--	0.5
14. Typical cross-section reference	21	20	40	20	40	40	20	40	20	20	20	20	20
15. Right-of-way width: Minimum	260	200	300	200	300	300	280	270	285	300	300	300	300
Prevailing	260	300	300	250	300	300	280	400	400	300	300	300	300
16. Median width: Minimum	--	--	36	36	36	36	36	46	--	--	--	--	--
Prevailing	--	--	36	36	36	36	36	46	--	--	--	--	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 3 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 15.0.1 - A 15.0.2	A 15.0.2 - A 16	A 16 - A 17	A 17 - A 18	A 18 - A 19	A 19 - A 20	A 20 - A 21	A 21 - A 22.1	A 22.1 - A 22.2	A 22.2 - A 23.0.1	A 23.0.1- A 23.0.2	A 23.0.2 - A 24.1	A 24.1- A 24.2
1. Section length, miles	1.1	1.7	2.2	0.9	1.2	0.3	1.7	0.5	2.1	2.4	2.2	2.9	2.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	E	N	N	N	E	N	E	N	E	N
4. Design Speed (V)	70	70	70	70	70	50	50	60	70	70	70	70	70
5. Traffic: ADT 1962	2004	2038	2038	2038	2038	2038	2038	2049	2093	2093	2254	2254	2254
6. Traffic: a. ADT 1975	4650	4750	4750	4750	4750	4750	4750	4750	4900	4900	5250	5250	5250
b. DHV 1975	640	660	660	660	660	660	660	660	680	680	720	720	720
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	10	10	10	10	10	10	10	10	10	10	11	11	11
7. Number of through traffic lanes (1975 traffic)	4	2	2	2	4	4	4	4	2	2	2	2	2
8. Traffic ADT 1990	6850	6950	6950	6950	6950	6950	6950	7000	7150	7150	7700	7700	7700
9. Traffic: a. Design Year	1975	1975	1975	1975	1975	1975	1975	1975	1986	1986	1986	1986	1986
b. ADT Design year	4650	4750	4750	4750	4750	4750	4750	4750	6500	6500	7000	7000	7000
c. DHV Design year	640	660	660	660	660	660	660	660	900	900	970	970	970
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	10	10	10	10	10	10	10	10	10	10	11	11	11
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	2	2	2	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	1.1	1.7	1.4	0.4	1.2	0.3	1.7	0.5	--	--	--	--	1.4
12. Mileage with frontage road one side only	--	--	0.8	0.5	--	--	--	--	2.1	2.4	2.2	2.9	0.6
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	--	--	--	--
14. Typical cross-section reference	40	20	20	20	20	46	46	40	40	40	40	40	40
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	36	--	--	--	8	8	8	46	46	56	46	76	46
Prevailing	36	--	--	--	8	8	8	46	46	56	46	76	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 4 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 24.2 - A 24.3	A 24.3 - A 25	A 25 - A 26	A 26 - A 27.1	A 27.1 - A 27.2	A 27.2 - A 28.1	A 28.1 - A 28.2	A 28.2 - A 29.1	A 29.1 - A 29.2.1	A 29.2.1 - A 29.2.2	A 29.2.2 - A 29.2.3	A 29.2.3 - A 29.3	A 29.3 - A 30.0.1
1. Section length, miles	5.7	1.0	2.5	2.0	2.8	3.7	5.6	1.5	2.5	1.4	2.5	3.7	0.7
2. Class - rural or urban	R	R	U	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	N	N	N	N	N	E	E	N	E	E
4. Design Speed (V)	70	70	50	50	70	70	70	70	70	70	50	70	70
5. Traffic: ADT 1962	3395	3155	3155	5755	5125	2706	2706	2533	2130	2130	2130	1980	1998
6. Traffic: a. ADT 1975	8200	7600	7600	13850	12350	6500	6500	6100	5130	5130	5130	4750	4800
b. DHV 1975	980	910	910	1660	1480	920	920	860	720	720	720	670	670
c. Directional distribution factor (d), 1975	60	60	60	60	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	11	11	11	12	11	11	11	11	11	11	11	11	11
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
8. Traffic ADT 1990	12200	11350	11350	20700	18450	9750	9750	9100	7650	7650	7650	7100	7200
9. Traffic: a. Design Year	1984	1985	1985	1984	1984	1975	1975	1986	1986	1986	1986	1986	1986
b. ADT Design year	10450	9950	9950	17700	15800	6500	6500	8250	6950	6950	6950	6450	6500
c. DHV Design year	1250	1190	1190	2120	1900	920	920	1160	980	980	980	910	920
d. (D) Design year	60	60	60	60	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	11	11	11	12	11	11	11	11	11	11	11	11	11
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	5.7	1.0	2.0	2.0	2.8	2.7	1.6	--	2.5	1.4	2.5	3.7	0.2
12. Mileage with frontage road one side only	--	--	0.5	--	--	1.0	3.0	1.5	--	--	--	--	0.5
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	1.0	--	--	--	--	--	--
14. Typical cross-section reference	50	50	56	56	50	40	40	40	40	40	46	40	40
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	46	46	8	8	46	46	46	46	46	46	8	46	46
Prevailing	76	46	8	8	46	46	46	46	46	46	8	46	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 5 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 30.0.1 - A 30.0.2	A 30.0.2 - A 31	A 31 - A 32	A 32 - A 33	A 33 A 34.0.1	A 34.0.1 - A 34.0.2	A 34.0.2- A 34.0.3	A 34.0.3 - A 35	A 35 - A 36	A 36 - A 37	A 37 - A 38	A 38 - B 1	B 1 - A 2.1
1. Section length, miles	3.0	2.7	5.0	6.1	1.5	3.2	0.7	2.8	3.7	5.9	5.9	2.3	4.6
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	N	N	E	E	N	N	E	E	E	N	E
4. Design Speed (V)	70	50	60	50	70	60	50	60	70	70	70	70	70
5. Traffic: ADT 1962	1998	1998	2030	2030	2030	2030	1430	2075	2075	2055	2185	2312	2030
6. Traffic: a. ADT 1975	4800	4800	4890	4890	4890	4890	3450	5000	5000	4950	5250	5550	4750
b. DHV 1975	670	680	690	690	690	690	490	700	700	700	7400	780	670
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	11	11	11	11	11	11	10	10	10	10	10	10	11
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
8. Traffic ADT 1990	7200	7200	7300	7300	7300	7300	5150	7450	7450	7400	7900	8300	6900
9. Traffic: a. Design Year	1986	1986	1985	1985	1985	1985	1984	1984	1975	1975	1987	1987	1988
b. ADT Design year	6950	6500	6400	6400	6400	6400	4400	6400	6400	4950	7250	7700	6600
c. DHV Design year	920	920	900	900	900	900	620	700	700	700	1020	1080	930
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	11	11	11	11	11	11	10	10	10	10	10	10	11
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	--	1.7	5.0	4.6	1.5	--	0.4	2.0	--	--	4.4	2.1	4.6
12. Mileage with frontage road one side only	3.0	1.0	--	1.5	--	3.2	0.3	0.8	3.7	5.2	1.5	0.1	--
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	0.7	--	0.1	--
14. Typical cross-section reference	40	46	40	46	40	40	46	40	40	40	40	40	40
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	230	230	300	300	300
Prevailing	300	300	300	300	300	300	300	300	230	230	300	300	300
16. Median width: Minimum	46	8	8	8	46	8	8	8	46	46	46	46	46
Prevailing	46	8	46	8	46	46	8	46	46	46	46	46	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 6 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	B 2.1 - B 2.2	B 2.2 - B 3	B 3 - B 4	B 4 - B 5.1	B 5.1 - B 5.2	B 5.2 - B 6	B 6 - B 7	B 7 - B 8	B 8 - B 9	B 9 - B 10	B 10 - B 12.3.1	B 12.3.1 - B 12.3.2	B 12.3.2 B 13.0.1
1. Section length, miles	7.6	1.0	3.4	3.1	3.1	3.8	3.6	2.9	1.6	7.0	--	2.8	2.6
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	G 20.1 -	R	R
3. Location - existing, new or toll	N	N	N	N	N	N	E	N	N	E	G 21	N	N
4. Design Speed (V)	70	70	70	70	70	70	70	70	70	70	See	1	1
5. Traffic: ADT 1962	2120	2180	2180	2180	2180	2360	1755	3325	3325	3447	FAI 15	1460	1460
6. Traffic: a. ADT 1975	4950	5100	5100	5100	5100	5500	4100	7750	7750	8050		3500	3500
b. DHV 1975	700	720	720	720	720	780	580	910	910	950		530	530
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55		55	55
d. Percent trucks, (T), 1975	11	11	11	11	11	11	11	8	8	8		11	11
7. Number of through traffic lanes (1975 traffic)	2	4	4	4	4	4	2	4	4	4	COINCIDENT MILEAGE	4	4
8. Traffic ADT 1990	7250	7450	7450	7450	7450	8050	6000	11350	11350	11750		5250	
9. Traffic: a. Design Year	1975	1988	1988	1988	1989	1989	1989	1975	1975	1985		1984	1984
b. ADT Design year	4950	7100	7100	7100	7250	7850	5850	7750	7750	10400		4500	4500
c. DHV Design year	700	1000	1000	1000	1020	1100	820	910	910	1230		680	680
d. (D) Design year	55	55	55	55	55	55	55	55	55	55		55	55
e. Percent trucks (T), design year	11	11	11	11	11	11	11	8	8	8		11	11
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--		--	--
10. Number of through traffic lanes (Design year traffic)	2	4	4	4	4	4	4	4	4	4		4	4
11. Mileage without frontage roads	3.6	0.2	3.0	--	--	--	3.1	2.9	1.6	1.3		1.8	2.6
12. Mileage with frontage road one side only	4.0	0.8	0.4	--	3.1	3.8	0.5	--	--	5.2		1.0	--
13. Mileage with frontage roads on both sides	--	--	--	3.1	--	--	--	--	--	0.5		--	--
14. Typical cross-section reference	20	40	40	40	40	40	40	40	40	40		50	46
15. Right-of-way width: Minimum	250	300	300	300	300	300	300	300	300	300		300	300
Prevailing	250	300	300	300	300	300	300	300	300	300		300	300
16. Median width: Minimum	--	56	46	46	46	46	46	76	76	100		76	8
Prevailing	--	56	46	46	46	46	46	76	76	100		76	8

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 7 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	B 13.0.1- B 13.0.2	B 13.0.2- B 14.1	B 14.1 - B 14.2	B 14.2 - B 15	B 15 - B 16	B 16 - B 17.1	B 17.1 - B 17.2	B 17.2 - B 18	B 18 - C 1	C 1 - C 2	C 2 - C 3.1.1	C 3.1.1 - C 3.1.2	C 3.1.2- C 3.2
1. Section length, miles	2.3	4.7	2.4	7.1	2.5	2.9	8.5	5.2	1.8	2.5	3.0	1.0	2.1
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	N	N	E	N	N	N	N	N	N	N
4. Design Speed (V)	50	50	70	70	60	60	50	60	60	60	60	70	70
5. Traffic: ADT 1962	1450	1450	1450	1460	1554	1554	1232	1232	1252	1252	1975	1975	2105
6. Traffic: a. ADT 1975	3500	3500	3500	3500	3750	3750	3000	3000	3000	3000	4750	4750	5050
b. DHV 1975	530	530	530	530	560	560	450	450	450	450	710	710	710
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	11	11	11	11	14	14	14	14	14	14	15	15	15
7. Number of through traffic lanes (1975 traffic)	4	4	4	2	2	2	4	2	2	2	4	4	4
8. Traffic ADT 1990	5200	5200	5200	5250	5600	5600	4450	4450	4500	4500	7100	7100	7600
9. Traffic: a. Design Year	1984	1984	1984	1984	1984	1984	1987	1987	1987	1987	1987	1987	1975
b. ADT Design year	4450	4450	4450	4500	4800	4800	4100	4100	4150	4150	6600	6600	5050
c. DHV Design year	680	680	680	680	720	720	620	620	620	620	990	990	710
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	11	11	11	11	14	14	14	14	14	14	15	15	15
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	2	4	4	4	4	4
11. Mileage without frontage roads	0.3	4.7	0.5	6.6	2.5	2.3	7.2	5.2	1.8	2.5	3.0	1.0	2.1
12. Mileage with frontage road one side only	2.0	--	1.9	0.5	--	0.6	1.3	--	--	--	--	--	--
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	--	--	--	--
14. Typical cross-section reference	46	46	46	40	40	40	46	40	40	40	50	50	50
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	8	8	8	76	76	76	8	--	46	46	46	46	46
Prevailing	8	8	8	76	76	76	8	--	46	46	46	46	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	C 3.2 - C 4.1	C 4.1 - C 4.2	C 4.2 - C 5.1	C 5.1 - C 5.2	C 5.2 - C 6	C 6 - C 7.1	C 7.1 - C 7.2	C 7.2 - C 8.1	C 8.1 - C 8.2	C 8.2 - C 9	C 9 - C 10	C 10 - C 11	C 11 - C 12.1
1. Section length, miles	6.9	1.5	9.5	8.4	0.7	1.4	3.7	1.1	4.2	3.4	5.1	3.2	3.0
2. Class - rural or urban	R	R	R	R	R	U	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	N	N	N	E	E	E	E	E	E	N
4. Design Speed (V)	60	70	70	70	70	70	70	50	50	50	50	60	60
5. Traffic: ADT 1962	2145	2255	2255	2555	1367	1367	2749	2488	2488	2445	2465	2465	1924
6. Traffic: a. ADT 1975	5150	5450	5450	6150	3400	3400	6600	6000	6000	5900	5950	5950	4650
b. DHV 1975	720	760	760	860	440	440	860	780	780	770	770	770	600
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	15	15	15	13	13	13	13	13	13	13	13	13	13
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
8. Traffic ADT 1990	7700	8100	8100	9200	5050	5050	9900	8950	8950	8800	8850	8850	6900
9. Traffic: a. Design Year	1975	1975	1984	1984	1986	1986	1986	1975	1975	1989	1989	1989	1975
b. ADT Design year	5150	5450	6950	7850	4600	4600	8950	6000	6000	8600	8700	8700	4650
c. DHV Design year	720	760	970	1100	600	600	1160	780	780	1120	1130	1130	600
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	15	15	15	13	13	13	13	13	13	13	13	13	13
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	4.9	1.0	5.3	6.2	0.7	1.4	0.7	0.2	3.7	1.6	1.3	--	0.9
12. Mileage with frontage road one side only	2.0	0.5	4.2	2.2	--	--	2.5	0.4	0.5	1.8	3.1	3.2	2.1
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	0.5	0.5	--	--	0.7	--	--
14. Typical cross-section reference	50	50	50	50	50	50	50	40	47	47	47	40	40
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	46	46	46	46	46	46	36	36	8	8	8	36	46
Prevailing	46	46	46	46	46	46	36	36	8	8	8	36	46

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 9 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	C 12.1 - C 12.2	C 12.2 - C 13	C 13 - C 14	C 14 - C 15.1	C 15.1 - C 15.2	C 15.2 - C 15.3	C 15.3 - D 1	D 1 - D 2	D 2 - D 3.1	D 3.1 - D 3.2	D 3.2 - D 4.1	D 4.1 - D 4.2	D 4.2 - D 5.1
1. Section length, miles	0.2	0.5	3.4	4.7	7.7	4.0	0.4	13.6	4.0	5.7	2.2	10.4	1.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	E	E	E	E	E	N	N	E	E	N
4. Design Speed (V)	60	60	60	70	70	60	70	70	70	70	60	70	70
5. Traffic: ADT 1962	1592	1592	1592	2665	1974	1924	1892	1941	1200	1790	1790	1709	1709
6. Traffic: a. ADT 1975	3850	3850	3850	6400	4600	4500	4400	4500	2800	4150	4150	4000	4000
b. DHV 1975	500	500	500	830	600	590	570	590	360	540	540	520	520
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	14	14	14	14	13	13	13	13	15	15	15	15	15
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	2	4	2	2	2	2	2	2	2
8. Traffic ADT 1990	5750	5750	5750	9600	6750	6550	6450	6600	4100	6100	6100	5850	5850
9. Traffic: a. Design Year	1975	1975	1975	1975	1975	1975	1990	1990	1990	1990	1990	1987	1975
b. ADT Design year	3850	3850	3850	6400	4600	4500	4400	6600	4100	6100	6100	5400	4000
c. DHV Design year	500	500	500	830	600	590	570	860	530	790	790	700	520
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	14	14	14	14	13	13	13	13	15	15	15	15	15
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	2	4	4	4	4	4	4	4	2
11. Mileage without frontage roads	0.2	0.5	3.4	2.0	7.7	4.0	0.2	5.6	2.7	5.7	0.1	4.9	1.0
12. Mileage with frontage road one side only	--	--	--	2.7	--	--	--	7.0	1.3	--	2.1	5.5	--
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	0.2	1.0	--	--	--	--	--
14. Typical cross-section reference	40	40	40	40	20	46	20	40	40	40	40	40	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	46	46	46	46	--	8	--	46	46	46	46	46	--
Prevailing	46	46	46	46	--	8	--	46	46	46	46	46	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 10 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	D 5.1 - D 5 2	D 5.2 - D 5.3	D 5.3 - D 6	D 6 - D 7.1	D 7.1 - D 7.2.1	D 7.2.1 - D 7.2.2	D 7.2.2- D 8	D 8 - D 9	D 9 - D 10.1	D 10.1 - D 10.2	D 10.2 - D 11	D 11 - D 12	D 12 - D 13.1
1. Section length, miles	0.3	1.8	2.7	2.4	2.0	6.9	2.0	5.1	9.5	3.1	3.1	4.8	3.9
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	E	E	E	E	N	N	E	E	N	N	N
4. Design Speed (V)	60	60	60	60	60	60	60	50	70	70	70	70	70
5. Traffic: ADT 1962	1709	1674	1674	1674	1674	1714	1714	2005	1912	1955	2410	2410	3460
6. Traffic: a. ADT 1975	4000	3900	3900	3900	3900	4000	4000	4650	4450	4550	5800	5800	8600
b. DHV 1975	520	510	510	510	510	520	520	600	580	590	750	750	1030
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	60
d. Percent trucks, (T), 1975	15	15	15	15	15	15	15	13	13	13	13	13	12
7. Number of through traffic lanes (1975 traffic)	2	4	2	2	2	2	2	4	2	2	4	4	4
8. Traffic ADT 1990	5850	5700	5700	5700	5700	5850	5850	6850	6500	6650	8700	8700	13100
9. Traffic: a. Design Year	1975	1975	1975	1975	1975	1987	1987	1987	1987	1988	1975	1975	1975
b. ADT Design year	4000	3900	3900	3900	3900	5450	5450	6350	6050	6350	5800	5800	8600
c. DHV Design year	520	510	510	510	510	710	710	830	790	820	750	750	1030
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	60
e. Percent trucks (T), design year	15	15	15	15	15	15	15	13	13	13	13	13	12
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	4	2	2	2	4	4	4	4	4	4	4	4
11. Mileage without frontage roads	0.3	1.8	2.7	2.4	1.0	--	0.5	2.3	--	--	2.1	4.0	2.9
12. Mileage with frontage road one side only	--	--	--	--	1.0	3.5	1.5	2.8	8.0	1.1	1.0	--	1.0
13. Mileage with frontage roads on both sides	--	--	--	--	--	3.4	--	--	1.5	2.0	--	0.8	--
14. Typical cross-section reference	20	40	20	20	20	40	40	40	40	40	40	40	40
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	--	46	--	--	--	46	46	46	46	46	50	50	50
Prevailing	--	46	--	--	--	46	46	46	46	46	50	50	50

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	D 13.1 - D 13.2	D 13.2 - D 14.0.1	D 14.0.1- D 14.0.2	D 14.0.2- D 14.0.3	D 14.0.3- D 15.1	D 15.1 - D 15.2	D 15.2 - D 16-M 1	M 1 - M 2	M 2 - M 3	M 3 - M 4	M 4 - M 5	M 5 - M 6	M 6 - M 7
1. Section length, miles	1.4	6.4	1.2	3.0	2.4	1.2	3.7	6.0	5.7	2.5	2.3	4.3	8.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	N	N	N	N	N	N	N	N	N	N	N
4. Design Speed (V)	70	70	70	70	70	70	70	50	50	70	60	50	60
5. Traffic: ADT 1962	4444	4444	1360	1360	1360	2750	3372	1222	1197	1197	1197	1197	1197
6. Traffic: a. ADT 1975	11050	11050	3300	3300	3300	6600	8100	2850	2800	2800	2800	2800	2800
b. DHV 1975	1330	1330	400	400	400	790	970	420	410	410	410	410	410
c. Directional distribution factor (d), 1975	60	60	60	60	60	60	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	10	10	14	14	14	11	11	13	13	13	13	13	13
7. Number of through traffic lanes (1975 traffic)	4	4	4	4	4	4	4	4	2	2	2	2	2
8. Traffic ADT 1990	16800	16800	4900	4900	4900	9900	12150	4150	4100	4100	4100	4100	4100
9. Traffic: a. Design Year	1975	1975	1984	1984	1984	1984	1985	1985	1987	1987	1987	1986	1986
b. ADT Design year	11050	11050	4200	4200	4200	8450	10650	3700	3800	3800	3800	3700	3700
c. DHV Design year	1330	1330	500	500	500	1010	1280	550	560	560	560	550	550
d. (D) Design year	60	60	60	60	60	60	55	55	55	55	55	55	55
e. Percent trucks (T), design year	10	10	14	14	14	11	11	13	13	13	13	13	13
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	4	4	4	4	4	4	4	2	4	4	2
11. Mileage without frontage roads	--	--	0.9	0.2	0.5	1.2	1.6	3.0	4.7	1.8	2.3	3.2	7.8
12. Mileage with frontage road one side only	1.4	--	--	2.5	1.9	--	2.1	3.0	1.0	0.7	--	1.1	0.2
13. Mileage with frontage roads on both sides	--	6.4	0.3	0.3	--	--	--	--	--	--	--	--	--
14. Typical cross-section reference	40	40	40	40	40	40	40	40	40	20	40	40	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	50	50	50	50	50	50	50	46	46	--	46	46	--
Prevailing	50	50	50	50	50	50	50	46	46	--	46	46	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 12 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	M 7 - M 8.0.1	M 8.0.1 - M 8.0.2	M 8.0.2 - M 9	M 9 - M 10	M 10 - M 11	M 11 - M 12	M 12 - M 13	M 13 - M 14	M 14 - M 15	M 15 - M 16	M 16 - M 17	M 17 - M 18	M 18 - M 19
1. Section length, miles	7.4	5.1	2.8	2.4	0.7	5.1	0.9	1.7	0.8	6.6	10.4	1.4	12.7
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	E	E	E	E	E	E	E	E	E	E	E
4. Design Speed (V)	60	70	70	70	70	70	70	70	70	70	70	70	70
5. Traffic: ADT 1962	1272	1272	2136	2017	2017	1435	1935	1955	1564	1564	1442	1442	1211
6. Traffic: a. ADT 1975	2950	2950	5000	4700	4700	4500	4500	4550	3650	3650	3350	3350	2800
b. DHV 1975	430	430	740	700	700	670	670	670	540	540	500	500	410
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	13	13	10	10	10	10	10	10	10	10	10	10	10
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	4	2	4	4	2	2	2	2	2
8. Traffic ADT 1990	4350	4350	7300	6900	6900	6600	6600	6650	5350	5350	4900	4900	4150
9. Traffic: a. Design Year	1985	1985	1985	1985	1985	1975	1975	1975	1975	1990	1990	1990	1989
b. ADT Design year	3850	3850	6450	6100	6100	4500	4500	4550	3650	5350	4900	4900	4050
c. DHV Design year	570	570	950	900	900	670	670	670	540	790	730	730	600
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	13	13	10	10	10	10	10	10	10	10	10	10	10
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	4	2	4	4	2	2	4	4	2
11. Mileage without frontage roads	7.4	4.5	--	--	--	--	--	0.7	0.8	--	--	--	--
12. Mileage with frontage road one side only	--	0.6	0.8	--	--	--	0.4	1.0	--	5.0	4.4	0.4	11.5
13. Mileage with frontage roads on both sides	--	--	2.0	2.4	0.7	5.1	0.5	--	--	1.6	6.0	1.0	1.2
14. Typical cross-section reference	20	20	20	20	40	20	40	40	20	20	40	40	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	--	--	--	--	--	--	--	46	--	--	46	46	--
Prevailing	--	--	--	--	--	--	--	46	--	--	46	46	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 13 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	M 19 - M 20	M 20 - M 21									Sub Total		Total
											Rural	Urban	
1. Section length, miles	5.4	4.2									536.7	3.9	540.6
2. Class - rural or urban	R	R									xxx	xxx	xxx
3. Location - existing, new or toll	E	E									xxx	xxx	xxx
4. Design Speed (V)	60	50									xxx	xxx	xxx
5. Traffic: ADT 1962	1073	1073									xxx	xxx	xxx
6. Traffic: a. ADT 1975	2650	2650									xxx	xxx	xxx
b. DHV 1975	390	390									xxx	xxx	xxx
c. Directional distribution factor (d), 1975	55	55									xxx	xxx	xxx
d. Percent trucks, (T), 1975	10	10									xxx	xxx	xxx
7. Number of through traffic lanes (1975 traffic)	2	2									xxx	xxx	xxx
8. Traffic ADT 1990	4000	4000									xxx	xxx	xxx
9. Traffic: a. Design Year	1988	1988									xxx	xxx	xxx
b. ADT Design year	3800	3800									xxx	xxx	xxx
c. DHV Design year	560	560									xxx	xxx	xxx
d. (D) Design year	55	55									xxx	xxx	xxx
e. Percent trucks (T), design year	10	10									xxx	xxx	xxx
f. Assigned Corridor Traffic ADT design year	--	--									xxx	xxx	xxx
10. Number of through traffic lanes (Design year traffic)	2	2									xxx	xxx	xxx
11. Mileage without frontage roads	--	--									299.6	3.4	303.0
12. Mileage with frontage road one side only	0.8	4.2									186.9	0.5	187.4
13. Mileage with frontage roads on both sides	4.6	--									50.2	--	50.2
14. Typical cross-section reference	20	20									xxx	xxx	xxx
15. Right-of-way width: Minimum	300	300									xxx	xxx	xxx
Prevailing	300	300									xxx	xxx	xxx
16. Median width: Minimum	--	--									xxx	xxx	xxx
Prevailing	--	--									xxx	xxx	xxx

Signatures:

Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan

Date: Aug. 1, 1964

B.P.R. Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		A 1 - A 2.0.1	A 2.0.1 - A 2.0.2	A 2.0.1 - A 2.0.2	A 2.0.2 - A 3.1	A 2.0.2- A 3.1	A 3.1 - A 3.2	A 3.1 - A 3.2	A 3.2 - A 4	A 3.2 - A 4	A 4 - A 5.1	A 5.1 - A 5.2	A 5.1 - A 5.2	A 5.2 - A 6	A 5.2 - A 6
	Section length, miles (0.1 mile)	3.4	3.2	3.2	4.4	4.4	4.5	4.5	7.4	7.4	4.6	4.6	4.6	0.9	0.9
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	E	E	E	E	E	E	E	E	E	E	E	E	E	E
	Design Code: 1, 2 or 3	1	2	3	2	3	2	3	2	3	1	2	3	2	3
	No. Lanes to be constructed this estimate	4	2	4	2	4	2	4	2	4	4	2	4	2	4
	No. through traffic lanes	4	2	4	2	4	2	4	2	4	4	2	4	2	4
	Finance Code	22	22	22	22	22	22	22	22	22	22	22	22	22	22
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	58	60	60	80	80	124	124	315	315	49	15	15	117	117
3.	Clear & grub; demolition	104	98	98	134	134	137	137	226	226	140	140	140	15	15
4.	Utility adjustments	7	38	38	45	45	23	23	50	50	29	14	14	3	3
5.	Grade & Drain; minor structures	1411	653	1082	752	1276	542	923	461	758	480	309	522	119	192
6.	Base; surfacing; shoulders	374	235	367	239	453	245	463	534	840	484	254	487	70	107
7.	R.R. grade separations	105	138	276	--	--	--	--	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	--	--	--	57	99	--	47	99	--	--
9.	Interchanges, complete	284	191	229	191	247	--	--	380	433	237	--	--	--	--
10.	Other bridges; tunnels	48	--	--	104	196	--	--	--	--	40	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	140	72	136	88	176	53	143	78	226	147	48	140	7	7
13.	Roadside improvement	--	--	--	--	--	81	81	--	--	--	--	--	1	1
14.	All other items	12	--	--	107	107	--	--	--	--	--	--	--	--	--
15.	Subtotal, lines 3 to 14	2485	1425	2226	1660	2634	1081	1770	1786	2632	1557	812	1402	215	325
16.	Construction Engineering & Contingencies, 10% of line 15	248	142	223	166	263	108	177	179	263	156	81	140	21	32
17.	Total Estimated Cost	2791	1627	2509	1906	2977	1313	2071	2280	3210	1762	908	1557	353	474

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		A 6 - A 7	A 6 - A 7	A 7 - A 8.1	A 7 - A 8.1	A 8.1 - A 8.2.1	A 8.1 - A 8.2.1	A 8.2.1 - A 8.2.2	A 8.2.1 - A 8.2.2	A 8.2.2- A 8.3	A 8.2.2 - A 8.3	A 8.3 - A 9.1	A 9.1 - A 9.2	A 9.2 - A 9.3	A 9.3 - A 10
	Section length, miles (0.1 mile)	1.2	1.2	0.2	0.2	0.9	0.9	3.7	3.7	4.2	4.2	1.4	2.3	1.2	1.8
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	N	N	N	E	E	E	E	E	E	E	N	N	N
	Design Code: 1, 2 or 3	2	3	2	3	2	3	2	3	2	3	1	1	1	2
	No. Lanes to be constructed this estimate	2	4	2	4	2	4	2	4	2	4	--	--	--	--
	No. through traffic lanes	2	4	2	4	2	4	2	4	2	4	2	2	4	2
	Finance Code	23	23	23	23	22	22	22	22	22	22	20	20	20	20
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	62	62	10	10	36	36	8	8	72	72	--	--	--	--
3.	Clear & grub; demolition	--	--	--	--	27	27	113	113	128	128	--	--	--	--
4.	Utility adjustments	3	3	--	--	--	--	--	--	48	48	--	--	--	--
5.	Grade & Drain; minor structures	266	447	--	--	62	103	326	562	323	544	--	--	--	--
6.	Base; surfacing; shoulders	82	143	--	--	63	109	246	434	242	467	--	--	--	--
7.	R.R. grade separations	--	--	557	1114	--	--	--	--	--	177	--	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9.	Interchanges, complete	196	237	--	--	--	--	--	--	192	220	--	--	--	--
10.	Other bridges; tunnels	126	253	--	--	---	--	--	--	--	--	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	56	56	--	--	14	14	58	58	50	134	--	--	--	--
13.	Roadside improvement	1	1	--	--	1	1	4	4	4	4	--	--	--	--
14.	All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15.	Subtotal, lines 3 to 14	730	1140	557	1114	167	254	747	1171	987	1722	--	--	--	--
16.	Construction Engineering & Contingencies, 10% of line 15	73	114	56	111	17	25	75	117	99	172	--	--	--	--
17.	Total Estimated Cost	865	1316	623	1235	220	315	830	1296	1158	1966	--	--	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	A 9.3 - A 10	A 10 - A 11	A 10 - A 11	A 11 - A 12.1	A 11 - A 12.1	A 12.1- A 12.2	A 12.1- A 12.2	A 12.2 - A 12.3	A 12.3 - A 12.4	A 12.4 - A 13.1	A 13.1 - A 13.3	A 13.3 - A 14	A 14 - A 15.0.1	A 15.0.1 A 15.0.2
Section length, miles (0.1 mile)	1.8	3.9	3.9	5.6	5.6	2.0	2.0	2.0	1.0	0.8	1.5	4.3	3.7	1.1
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	E	E	N	N	E	E	E	E	E	E	N	E	N
Design Code: 1, 2 or 3	3	2	3	2	3	2	3	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	4	2	4	--	2	--	--	2	2	2	2	--
No. through traffic lanes	4	2	4	2	4	2	4	4	2	2	2	2	2	4
Finance Code	23	22	22	23	23	20	22	20	20	22	22	23	22	20
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3. Clear & grub; demolition	--	30	61	122	122	--	--	--	--	40	30	91	--	--
4. Utility adjustments	--	2	2	--	--	--	--	--	--	15	15	30	--	--
5. Grade & Drain; minor structures	114	218	337	536	872	--	220	--	--	161	158	494	11	--
6. Base; surfacing; shoulders	105	266	482	386	666	--	117	--	--	53	100	286	141	--
7. R.R. grade separations	--	--	--	694	1044	--	--	--	--	--	288	93	--	--
8. Highway grade separations without ramps	--	27	44	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	231	290	--	--	--	--	--	--	314	--	--
10. Other bridges; tunnels	562	--	--	469	980	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	1	53	53	57	57	--	9	--	--	20	22	37	14	--
13. Roadside improvement	1	4	4	85	85	--	--	--	--	1	2	4	85	--
14. All other items	--	--	--	17	21	--	--	--	--	--	66	71	--	--
15. Subtotal, lines 3 to 14	783	601	983	2597	4137	--	346	--	--	290	681	1420	251	--
16. Construction Engineering & Contingencies, 10% of line 15	78	60	98	260	414	--	35	--	--	29	68	142	25	--
17. Total Estimated Cost	861	661	1081	2857	4551	--	381	--	--	319	749	1562	276	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	A 15.0.2 - A 16	A 16 - A 17	A 17 - A 18	A 18 - A 19	A 19 - A 20	A 20 - A 21	A 21 - A 22.1	A 22.1 - A 22.2	A 22.1 - A 22.2	A 22.2 - A 23.0.1	A 22.2 - A 23.0.1	A 23.0.1- A 23.0.2	A 23.0.1 - A 23.0.2	A 23.0.2 A 24.1
Section length, miles (0.1 mile)	1.7	2.2	0.9	1.2	0.3	1.7	0.5	2.1	2.1	2.4	2.4	2.2	2.2	2.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	E	N	N	N	E	N	N	E	E	N	N	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	2	3	2	3	2	3	2
No. Lanes to be constructed this estimate	--	--	--	--	--	--	--	2	4	2	4	2	4	2
No. through traffic lanes	2	2	2	4	4	4	4	2	4	2	4	2	4	2
Finance Code	20	20	20	21	21	21	21	23	23	22	22	23	23	22
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	--	--	--	--	--	--	--	146	146	43	43	54	54	51
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	--	--	--	--	--	--	--	3	3	6	6	6	6	8
5. Grade & Drain; minor structures	--	--	--	--	--	--	--	99	160	113	187	104	168	137
6. Base; surfacing; shoulders	--	--	--	--	--	--	--	254	428	302	504	277	459	365
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	--	--	--	--	191	203	--	--	191	203	--
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	--	--	--	--	25	25	36	36	24	24	29
13. Roadside improvement	--	--	--	--	--	--	--	2	2	2	2	2	2	3
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	79
15. Subtotal, lines 3 to 14	--	--	--	--	--	--	--	574	821	459	735	604	862	621
16. Construction Engineering & Contingencies, 10% of line 15	--	--	--	--	--	--	--	57	82	46	74	60	86	62
17. Total Estimated Cost	--	--	--	--	--	--	--	777	1049	548	852	718	1002	734

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	A 23.0.2- A 24.1	A 24.1 - A 24.2	A 24.1 - A 24.2	A 24.2 - A 24.3	A 24.3 - A 25	A 25 - A 26	A 26 - A 27.1	A 27.1 - A 27.2	A 27.2 - A 28.1	A 28.1 - A 28.2	A 28.2 - A 29.1	A 29.1 - A 29.2.1	A 29.2.1- A 29.2.2	A 29.2.2 A 29.2.3
Section length, miles (0.1 mile)	2.9	2.0	2.0	5.7	1.0	2.5	2.0	2.8	3.7	5.6	1.5	2.5	1.4	2.5
Class: Rural or Urban	R	R	R	R	R	U	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	N	N	N	N	N	N	N	N	N	N	E	E	N
Design Code: 1, 2 or 3	3	2	3	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	2	4	4	4	4	4	4	--	--	4	4	4	4
No. through traffic lanes	4	2	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	22	23	23	23	23	23	23	23	23	23	23	22	22	23
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	39	41	27	--
2. Right-of-way	51	--	--	--	--	--	--	--	--	--	50	65	31	230
3. Clear & grub; demolition	--	--	--	30	--	--	--	--	--	--	--	--	--	61
4. Utility adjustments	8	--	--	--	--	--	--	--	--	--	2	35	19	35
5. Grade & Drain; minor structures	221	223	377	729	178	451	164	173	--	--	216	334	187	334
6. Base; surfacing; shoulders	605	235	401	1150	202	510	395	565	--	--	194	293	164	270
7. R.R. grade separations	--	--	--	127	--	217	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	111	110	249	--	116	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	550	--	524	266	140	--	--	233	--	--	272
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	19	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	29	8	8	71	23	110	80	53	--	--	11	34	23	82
13. Roadside improvement	3	2	2	4	1	2	2	3	4	6	2	3	82	3
14. All other items	79	--	--	--	--	--	--	25	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	945	468	788	2772	514	2082	907	1075	4	6	658	699	475	1057
16. Construction Engineering & Contingencies, 10% of line 15	95	47	79	277	51	208	91	107	--	--	66	70	48	106
17. Total Estimated Cost	1091	515	867	3049	565	2290	998	1182	4	6	813	875	581	1393

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	A 29.2.3- A 29.3	A 29.3 - A 30.0.1	A 30.0.1 - A 30.0.2	A 30.0.2 - A 31	A 31 - A 32	A 32 - A 33	A 33 - A 34.0.1	A 34.0.1- A 34.0.2	A 34.0.2 - A 34.0.3	A 34.0.3- A 35	A 35 - A 36	A 36 - A 37	A 37 - A 38	A 38 - B 1
Section length, miles (0.1 mile)	3.7	0.7	3.0	2.7	5.0	6.1	1.5	3.2	0.7	2.8	3.7	5.9	5.9	2.3
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	E	E	N	N	E	E	N	N	E	E	E	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	--	--	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	22	22	22	22	23	23	22	22	23	23	20	20	22	23
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	23	10	--	--	--	--	--	--	--	--	--	--	128	101
3. Clear & grub; demolition	91	--	61	83	122	122	--	--	--	--	--	--	91	--
4. Utility adjustments	51	13	81	73	79	30	2	16	4	14	--	--	38	3
5. Grade & Drain; minor structures	489	99	433	522	998	1284	358	423	262	293	--	--	992	1247
6. Base; surfacing; shoulders	434	86	373	321	638	728	191	421	79	310	--	--	710	274
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	206	188
8. Highway grade separations without ramps	--	--	--	--	--	94	--	--	102	102	--	--	--	--
9. Interchanges, complete	230	--	--	--	266	--	--	--	375	--	--	--	237	315
10. Other bridges; tunnels	--	--	--	--	256	195	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	40	8	38	99	60	212	49	27	35	40	--	--	59	45
13. Roadside improvement	4	1	3	3	4	5	2	3	1	3	--	--	87	2
14. All other items	--	--	--	--	--	225	38	79	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1339	207	989	1101	2423	2895	640	969	858	762	--	--	2420	2074
16. Construction Engineering & Contingencies, 10% of line 15	134	21	99	110	242	290	64	97	86	76	--	--	242	207
17. Total Estimated Cost	1496	238	1088	1211	2665	3185	704	1066	944	838	--	--	2790	2382

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 7 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		B 1 - B 2.1	B 2.1 - B 2.2	B 2.2 - B 3	B 3 - B 4	B 4 - B 5.1	B 5.1 - B 5.2	B 5.2 - B 6	B 6 - B 7	B 6 - B 7	B 7 - B 8	B 8 - B 9	B 9 - B 10	B 10 - B 12.3.1	B 12.3.1 B 12.3.2
	Section length, miles (0.1 mile)	4.6	7.6	1.0	3.4	3.1	3.1	3.8	3.6	3.6	2.9	1.6	7.0	=	2.8
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	G 20.1-	R
	Location: Existing, new or toll	E	N	N	E	N	E	E	E	E	N	N	E	G 21	N
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	2	3	1	1	1	See	1
	No. Lanes to be constructed this estimate	4	--	--	4	4	4	4	2	4	--	--	4	FAI 15	--
	No. through traffic lanes	4	2	4	4	4	4	4	2	4	4	4	4		4
	Finance Code	22	20	20	22	23	22	22	22	22	23	23	22		23
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	110	--	--	266	125	92	83	44	44	--	--	--		--
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--		--
4.	Utility adjustments	2	--	--	7	10	1	7	8	8	--	--	31		--
5.	Grade & Drain; minor structures	633	--	--	333	282	391	302	143	252	--	--	749	COINCIDENT MILEAGE	--
6.	Base; surfacing; shoulders	493	--	--	491	450	445	567	308	533	--	--	852		--
7.	R.R. grade separations	--	--	--	--	--	268	--	--	--	--	--	122		--
8.	Highway grade separations without ramps	--	--	--	--	72	--	--	--	--	--	--	--		--
9.	Interchanges, complete	241	--	--	--	--	--	218	--	--	--	--	417		--
10.	Other bridges; tunnels	127	--	--	95	48	--	115	72	119	--	--	--		--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--		--
12.	Guardrail; fencing; lighting; traffic control devices	42	--	--	26	31	38	53	28	28	--	--	76		--
13.	Roadside improvement	5	--	--	3	3	3	4	4	4	3	2	7		3
14.	All other items	--	--	--	--	--	--	--	--	--	--	--	27		--
15.	Subtotal, lines 3 to 14	1543	--	--	955	896	1146	12 66	563	944	3	2	2281		3
16.	Construction Engineering & Contingencies, 10% of line 15	154	--	--	96	90	115	127	56	94	--	--	228		--
17.	Total Estimated Cost	1807	--	--	1317	1111	1353	1476	663	1082	3	2	2509		3

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 8 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		B 12.3.2- B 13.0.1	B 13.0.1- B 13.0.2	B 13.0.2- B 14.1	B 14.1 - B 14.2	B 14.2 - B 15	B 14.2 - B 15	B 15 - B 16	B 15 - B 16	B 16 - B 17.1	B 16 - B 17.1.	B 17.1 - B 17.2	B 17.2 - B 18	B 18 - C 1	B 18 - C 1
	Section length, miles (0.1 mile)	2.6	2.3	4.7	2.4	7.1	7.1	2.5	2.5	2.9	2.9	8.5	5.2	1.8	1.8
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	N	N	N	N	N	N	N	E	E	N	N	N	N
	Design Code: 1, 2 or 3	1	1	1	1	2	3	2	3	2	3	1	1	2	3
	No. Lanes to be constructed this estimate	4	4	4	4	2	4	2	4	2	4	4	2	2	4
	No. through traffic lanes	4	4	4	4	2	4	2	4	2	4	4	2	2	4
	Finance Code	23	23	23	23	23	23	23	23	22	22	23	23	23	23
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	83	45	93	47	--	--	--	--	50	50	104	86	41	41
3.	Clear & grub; demolition	77	62	65	9	--	--	--	--	--	--	31	--	--	--
4.	Utility adjustments	7	15	31	6	12	12	6	17	10	10	25	5	7	7
5.	Grade & Drain; minor structures	733	699	2089	429	639	1095	141	247	113	197	2465	469	197	336
6.	Base; surfacing; shoulders	258	228	466	295	517	909	203	359	197	361	999	376	130	230
7.	R.R. grade separations	--	--	--	--	117	234	--	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	52	86	50	84	59	99	57	--	--	--
9.	Interchanges, complete	--	244	--	270	169	210	--	--	169	210	--	181	--	--
10.	Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	119	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	102	81	183	59	121	121	40	40	22	22	344	99	29	29
13.	Roadside improvement	3	83	5	2	7	7	3	3	3	3	9	5	2	2
14.	All other items	--	--	5	1	--	--	--	--	--	--	--	--	--	--
15.	Subtotal, lines 3 to 14	1180	1412	2844	1071	1614	2674	443	750	573	902	4049	1135	365	604
16.	Construction Engineering & Contingencies, 10% of line 15	118	141	284	107	161	267	44	75	57	90	405	114	37	60
17.	Total Estimated Cost	1381	1598	3221	1225	1775	2941	487	825	680	1042	4558	1335	443	705

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 9 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		C 1 - C 2	C 1 - C 2	C 2 - C 3.1.1	C 3.1.1- C 3.1.2	C 3.1.2 - C 3.2	C 3.2 - C 4.1	C 4.1 - C 4.2	C 4.2 - C 5.1	C 5.1 - C 5.2	C 5.2 - C 6	C 6 - C 7.1	C 7.1 - C 7.2	C 7.2 - C 8.1	C 8.1 - C 8.2
	Section length, miles (0.1 mile)	2.5	2.5	3.0	1.0	2.1	6.9	1.5	9.5	8.4	0.7	1.4	3.7	1.1	4.2
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	U	R	R	R
	Location: Existing, new or toll	N	N	N	N	N	N	N	N	N	N	N	E	E	E
	Design Code: 1, 2 or 3	2	3	1	1	1	1	1	1	1	1	1	1	1	1
	No. Lanes to be constructed this estimate	2	4	4	4	--	--	--	4	4	4	4	4	--	--
	No. through traffic lanes	2	4	4	4	4	4	4	4	4	4	4	4	4	4
	Finance Code	23	23	23	23	23	23	23	23	23	23	23	22	20	20
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	19	19	63	10	--	--	--	--	--	--	--	--	--	--
3.	Clear & grub; demolition	--	--	--	15	--	--	--	--	--	--	9	--	--	--
4.	Utility adjustments	3	3	15	5	--	--	--	17	10	9	30	--	--	--
5.	Grade & Drain; minor structures	213	367	459	161	--	--	--	732	624	145	291	267	--	--
6.	Base; surfacing; shoulders	181	319	591	197	--	--	--	1982	1737	141	282	771	--	--
7.	R.R. grade separations	--	--	--	172	--	--	--	--	--	--	447	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	--	--	--	180	90	125	98	110	--	--
9.	Interchanges, complete	--	--	204	86	--	--	--	211	363	--	252	--	--	--
10.	Other bridges; tunnels	--	--	--	399	--	--	--	301	--	--	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	34	34	60	15	--	--	--	95	80	20	15	28	--	--
13.	Roadside improvement	3	3	3	1	2	7	2	10	8	1	1	4	--	--
14.	All other items	--	--	66	--	--	--	--	17	9	--	--	--	--	--
15.	Subtotal, lines 3 to 14	484	726	1398	1051	2	7	2	3545	2921	441	1425	1180	--	--
16.	Construction Engineering & Contingencies, 10% of line 15	43	73	140	105	--	--	--	355	292	44	143	118	--	--
17.	Total Estimated Cost	496	818	1601	1166	2	7	2	3900	3213	485	1568	1298	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 10 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	C 8.2 - C 9	C 9 - C 10	C 10 - C 11	C 11 - C 12.1	C 12.1 - C 12.2	C 12.2 - C 13	C 13 - C 14	C 14 - C 15.1	C 15.1 - C 15.2	C 15.2 - C 15.3	C 15.3 - D 1	C 15.3 - D 1	D 1 - D 2	D 1 - D 2
Section length, miles (0.1 mile)	3.4	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.0	0.4	0.4	13.6	13.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	E	N	N	N	N	E	E	E	E	E	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	2	3	2	3
No. Lanes to be constructed this estimate	4	4	4	--	--	--	--	--	--	--	2	4	2	4
No. through traffic lanes	4	4	4	4	4	4	4	4	2	4	2	4	2	4
Finance Code	22	22	22	20	20	20	20	20	20	20	22	22	22	22
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	88	117	56	--	--	--	--	--	--	--	12	17	--	--
2. Right-of-way	44	108	55	--	--	--	--	--	--	--	5	5	233	233
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	51	131	54	--	--	--	--	--	--	--	10	10	280	280
5. Grade & Drain; minor structures	732	731	313	--	--	--	--	--	--	--	9	34	173	690
6. Base; surfacing; shoulders	390	598	429	--	--	--	--	--	--	--	16	41	497	1364
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	89	123	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	227	227	--	--	--	--	--	--	--	--	167	207	167	207
10. Other bridges; tunnels	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	101	140	24	--	--	--	--	--	--	--	3	3	102	102
13. Roadside improvement	3	69	3	--	--	--	--	--	--	--	--	--	77	77
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1504	1985	946	--	--	--	--	--	--	--	205	295	1296	2720
16. Construction Engineering & Contingencies, 10% of line 15	150	199	95	--	--	--	--	--	--	--	21	30	130	272
17. Total Estimated Cost	1786	2409	1152	--	--	--	--	--	--	--	243	347	1659	3225

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 11 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	D 2 - D 3.1	D 2 - D 3.1	D 3.1 - D 3.2	D 3.1 - D 3.2	D 3.2 - D 4.1	D 3.2 - D 4.1	D 4.1 - D 4.2	D 4.1 - D 4.2	D 4.2 - D 5.1	D 5.1 - D 5.2	D 5.2 - D 5.3	D 5.3 - D 6	D 6 - D 7.1	D 7.1 - D 7.2.1
Section length, miles (0.1 mile)	4.0	4.0	5.7	5.7	2.2	2.2	10.4	10.4	1.0	0.3	1.8	2.7	2.4	2.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	E	E	E	E	N	N	N	E	E	E
Design Code: 1, 2 or 3	2	3	2	3	2	3	2	3	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	4	2	4	2	4	2	4	--	--	--	--	--	--
No. through traffic lanes	2	4	2	4	2	4	2	4	2	2	4	2	2	2
Finance Code	23	23	23	23	22	22	22	22	21	21	21	21	21	20
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	74	124	62	99	34	49	--	--	--	--	--	--	--	--
2. Right-of-way	108	108	50	50	59	59	--	--	--	--	--	--	--	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	34	34	155	155	44	44	100	100	--	--	--	--	--	--
5. Grade & Drain; minor structures	358	606	248	440	145	236	400	656	--	--	--	--	--	--
6. Base; surfacing; shoulders	298	519	412	727	207	328	790	1365	--	--	--	--	--	--
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	59	99	71	118	--	--	165	267	--	--	--	--	--	--
9. Interchanges, complete	167	207	--	--	167	207	--	--	--	--	--	--	--	--
10. Other bridges; tunnels	311	607	110	183	--	--	96	159	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	30	30	43	43	17	17	78	78	--	--	--	--	--	--
13 Roadside improvement	4	4	6	6	2	2	10	10	--	--	--	--	--	--
14. All other items	--	--	18	18	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1261	2106	1063	1690	582	834	1639	2635	--	--	--	--	--	--
16. Construction Engineering & Contingencies, 10% of line 15	126	211	106	169	58	83	164	264	--	--	--	--	--	--
17. Total Estimated Cost	1569	2549	1281	2008	733	1025	1803	2899	--	--	--	--	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 12 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		D 7.2.1- D 7.2.2	D 7.2.1- D 7.2.2	D 7.2.2- D 8	D 7.2.2- D 8	D 8 - D 9	D 9 - D 10.1	D 9 - D 10.1	D 10.1 - D 10.2	D 10.1 - D 10.2	D 10.2 - D 11	D 11 - D 12	D 12 - D 13.1	D 13.1 - D 13.2	D 13.2 - D 14.0.1
	Section length, miles (0.1 mile)	6.9	6.9	2.0	2.0	5.1	9.5	9.5	3.1	3.1	3.1	4.8	3.9	1.4	6.4
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	E	E	N	N	N	E	E	E	E	N	N	N	E	E
	Design Code: 1, 2 or 3	2	3	2	3	1	2	3	2	3	1	1	1	1	1
	No. Lanes to be constructed this estimate	2	4	2	4	4	2	4	2	4	4	4	--	--	--
	No. through traffic lanes	2	4	2	4	4	2	4	2	4	4	4	4	4	4
	Finance Code	22	22	23	23	23	22	22	22	22	23	23	21	20	20
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	86	86	88	88	219	76	76	--	--	--	--	--	--	--
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4.	Utility adjustments	57	57	5	5	12	8	8	8	8	31	28	--	--	--
5.	Grade & Drain; minor structures	906	1492	91	150	1047	705	1209	158	264	379	641	--	--	--
6.	Base; surfacing; shoulders	506	911	155	266	654	697	1221	238	409	402	631	--	--	--
7.	R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	--	168	--	--	69	59	99	59	99	98	174	--	--	--
9.	Interchanges, complete	--	--	--	--	207	167	205	--	--	206	243	--	--	--
10.	Other bridges; tunnels	--	--	145	202	191	197	326	58	95	--	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	67	67	23	23	83	37	37	23	23	53	73	--	--	--
13.	Roadside improvement	7	7	2	2	5	10	10	3	3	3	5	--	--	--
14.	All other items	--	--	--	--	--	169	178	66	66	--	--	--	--	--
15.	Subtotal, lines 3 to 14	1543	2702	421	648	2268	2049	3293	613	967	1172	1795	--	--	--
16.	Construction Engineering & Contingencies, 10% of line 15	154	270	42	65	227	205	329	61	97	117	180	--	--	--
17.	Total Estimated Cost	1783	3058	551	801	2714	2330	3698	674	1064	1289	1975	--	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 13 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	D 14.0.1- D 14.0.2	D 14.0.2- D 14.0.3	D 14.0.3 - D 15.1	D 15.1 - D 15.2	D 15.2 - D 16-M 1	M 1 - M 2	M 2 - M 3	M 2 - M 3	M 3 - M 4	M 4 - M 5	M 4 - M 5	M 5 - M 6	M 5 - M 6	M 6 - M 7
Section length, miles (0.1 mile)	1.2	3.0	2.4	1.2	3.7	6.0	5.7	5.7	2.5	2.3	2.3	4.3	4.3	8.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	2	3	1	2	3	2	3	1
No. Lanes to be constructed this estimate	--	4	4	4	4	4	2	4	2	2	4	2	4	2
No. through traffic lanes	4	4	4	4	4	4	2	4	2	2	4	2	4	2
Finance Code	21	23	23	23	23	23	23	23	23	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	--	--	--	--	--	119	113	113	48	83	83	41	41	71
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	--	--	--	34	38	20	19	19	1	--	--	--	--	9
5. Grade & Drain; minor structures	--	240	351	171	477	1515	225	394	174	153	265	172	299	301
6. Base; surfacing; shoulders	--	531	385	201	599	725	386	676	171	153	270	294	512	533
7. R.R. grade separations	--	--	127	--	--	--	--	--	--	--	--	--	--	94
8. Highway grade separations without ramps	--	169	--	--	119	256	--	--	--	--	--	--	--	46
9. Interchanges, complete	--	--	261	349	253	207	181	203	--	--	--	--	--	181
10. Other bridges; tunnels	--	--	--	--	--	96	38	64	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	54	63	40	70	134	49	49	26	17	17	46	46	77
13. Roadside improvement	--	3	--	1	4	6	6	6	3	66	66	4	4	8
14. All other items	--	--	2	4	3	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	--	997	1189	800	1563	2959	904	1411	375	389	618	516	861	1249
16. Construction Engineering & Contingencies, 10% of line 15	--	100	119	80	156	296	90	141	38	39	62	52	86	125
17. Total Estimated Cost	--	1097	1308	880	1719	3374	1107	1665	461	511	763	609	988	1445

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 14 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	M 7 - M 8.0.1	M 8.0.1- M 8.0.2	M 8.0.2- M 9	M 9 - M 10	M 10 - M 11	M 11 - M 12	M 12 - M 13	M 13 - M 14	M 14 - M 15	M 15 - M 16	M 16 - M 17	M 16 - M 17	M 17 - M 18	M 17 - M 18
Section length, miles (0.1 mile)	7.4	5.1	2.8	2.4	0.7	5.1	0.9	1.7	0.8	6.6	10.4	10.4	1.4	1.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	E	E	E	E	E	E	E	E	E	E	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	2	3	2	3
No. Lanes to be constructed this estimate	2	2	2	--	--	--	--	--	--	2	2	4	2	4
No. through traffic lanes	2	2	2	2	4	2	4	4	2	2	2	4	2	4
Finance Code	23	23	22	20	20	20	20	20	20	22	22	22	22	22
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	226	442	376	--	--	--	--	--	--	--	267	173	37	42
3. Clear & grub; demolition	--	--	31	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	3	18	10	--	--	--	--	--	--	--	56	56	12	12
5. Grade & Drain; minor structures	324	284	145	--	--	--	--	--	--	100	474	894	101	185
6. Base; surfacing; shoulders	600	418	241	--	--	--	--	--	--	173	755	1368	101	186
7. R.R. grade separations	--	77	107	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	46	--	60	--	--	--	--	--	--	--	--	115	--	--
9. Interchanges, complete	--	181	181	--	--	--	--	--	--	352	--	--	167	205
10. Other bridges; tunnels	--	29	353	--	--	--	--	--	--	--	77	127	138	64
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	83	62	36	--	--	--	--	--	--	49	78	78	11	11
13. Roadside improvement	7	5	3	--	--	--	--	--	--	7	10	10	1	1
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1063	1074	1167′	--	--	--	--	--	--	681	1450	2648	431	664
16. Construction Engineering & Contingencies, 10% of line 15	106	107	117	--	--	--	--	--	--	68	145	265	43	66
17. Total Estimated Cost	1395	1623	1660	--	--	--	--	--	--	749	1862	3086	511	772

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 15 OF 15

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION											Sub Totals		
	M 18 - M 19	M 18 - M 19	M 19 - M 20	M 19 - M 20	M 20 - M 21	M 20 - M 21						Rural	Urban	Total
Section length, miles (0.1 mile)	12.7	12.7	5.4	5.4	4.2	4.2						536.7	3.9	540.6
Class: Rural or Urban	R	R	R	R	R	R						xxx	xxx	xxx
Location: Existing, new or toll	E	E	E	E	E	E						xxx	xxx	xxx
Design Code: 1, 2 or 3	2	3	2	3	2	3						xxx	xxx	xxx
No. Lanes to be constructed this estimate	2	2	2	2	2	2						xxx	xxx	xxx
No. through traffic lanes	2	2	2	2	2	2						xxx	xxx	xxx
Finance Code	22	22	22	22	22	22						xxx	xxx	xxx
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	106	108	58	66	30	31						862	--	862
2. Right-of-way	137	143	269	194	6	30						6531	--	6531
3. Clear & grub; demolition	31	31	--	--	--	--						2588	9	2597
4. Utility adjustments	52	52	54	54	6	6						2440	30	2470
5. Grade & Drain; minor structures	553	566	324	373	158	158						52787	742	53529
6. Base; surfacing; shoulders	844	853	390	423	304	304						50347	792	51139
7. R.R. grade separations	--	--	--	--	--	--						4819	664	5483
8. Highway grade separations without ramps	119	119	--	59	--	--						4172	347	4519
9. Interchanges, complete	--	--	167	167	--	--						13319	776	14095
10. Other bridges; tunnels	67	67	--	--	--	--						6416	--	6416
11. Walls	--	--	--	--	--	--						--	19	19
12. Guardrail; fencing; lighting; traffic control devices	50	50	41	41	32	32						6422	125	6547
13. Roadside improvement	76	76	5	5	4	4						1141	3	1144
14. All other items	19	19	--	--	--	17						1155	--	1155
15. Subtotal, lines 3 to 14	1811	1833	981	1122	504	521						145606	3507	149113
16. Construction Engineering & Contingencies, 10% of line 15	181	183	98	112	50	52						14559	351	14910
17. Total Estimated Cost	2235	2267	1406	1494	590	634						167558	3858	171416

Signatures: Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM		ESTIMATE SECTION												
		A 1 - A 2.0.1	A 2.0.1 - A 2.0.2	A 2.0.2 - A 3.1	A 3.1 - A 3.2	A 3.2 - A 4	A 4 - A 5.1	A 5.1 - A 5.2	A 5.2 - A 6	A 6 - A 7	A 7 - A 8.1	A 8.1 - A 8.2.1	A 8.2.1 - A 8.2.2	A 8.2.2 - A 8.3
Section length, miles (0.1 mile)		3.4	3.2	4.4	4.5	7.4	4.6	4.6	0.9	1.2	0.2	0.9	3.7	4.2
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		E	E	E	E	E	E	E	E	N	N	E	E	E
Design Code: 1 or 3		1	3	3	3	3	1	3	3	3	3	3	3	3
No. Lanes to be constructed this estimate		4	4	4	4	4	4	4	4	4	4	4	4	4
No. through traffic lanes		4	4	4	4	4	4	4	4	4	4	4	4	4
Finance code		22	22	22	22	22	22	22	22	23	23	22	22	22
No. of terminated cross roads		2	1	1	3	1	--	--	1	--	--	--	2	1
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	105	276	--	--	--	--	--	--	--	1114	--	--	177
No. for which costs estimated		1	1	--	--	--	--	--	--	--	1	--	--	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	99	--	99	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	1	--	1	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	284	229	247	--	433	237	--	--	237	--	--	--	220
No. for which costs estimated		1	1	1	--	2	1	--	--	1	--	--	--	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	48	--	196	--	--	40	--	--	253	--	--	--	--
No. for which costs estimated		1	--	3	--	--	1	--	--	1	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	437	505	443	--	532	277	99	--	490	1114	--	--	397
No.for which costs estimated		3	2	4	--	3	2	1	--	2	1	--	--	2
No.in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM		ESTIMATE SECTION												
		A 8.3 - A 9.1	A 9.1 - A 9.2	A 9.2 - A 9.3	A 9.3 - A 10	A 10 - A 11	A 11 - A 12.1	A 12.1 - A 12.2	A 12.2 - A 12.3	A 12.3 - A 12.4	A 12.4 - A 13.1	A 13.1 - A 13.3	A 13.3 - A 14	A 14 - A 15.0.1
Section length, miles (0.1 mile)		1.4	2.3	1.2	1.8	3.9	5.6	2.0	2.0	1.0	0.8	1.5	4.3	3.7
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		E	N	N	N	E	N	E	E	E	E	E	N	E
Design Code: 1 or 3		1	1	1	3	3	3	3	1	1	1	1	1	1
No. Lanes to be constructed this estimate		--	--	--	2	4	4	2	--	--	2	2	2	2
No. through traffic lanes		2	2	4	4	4	4	4	4	2	2	2	2	2
Finance code		20	20	20	23	22	23	22	20	20	22	22	23	22
No. of terminated cross roads		--	1	--	1	--	3	1	--	--	1	--	1	1
No. of intersections at grade		--	--	--	--	--	--	--	--	1	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	1044	--	--	--	--	288	93	--
No. for which costs estimated		--	--	--	--	--	3	--	--	--	--	2	1	--
No. in service - cost = zero		--	1	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	44	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	1	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	--	--	--	290	--	--	--	--	--	314	--
No. for which costs estimated		--	--	--	--	--	1	--	--	--	--	--	2	--
No. in service - cost = zero		--	--	1	--	--	--	--	1	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	562	--	980	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	2	--	2	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	1	1	--
Total Structures	Cost	--	--	--	562	44	2314	--	--	--	--	288	407	--
No.for which costs estimated		--	--	--	2	1	6	--	--	--	--	2	3	--
No.in service - cost = zero		--	1	1	--	--	--	--	1	--	--	--	--	--
No.in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	1	1	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 15.0.1- A 15.0.2	A 15.0.2 - A 16	A 16 - A 17	A 17 - A 18	A 18 - A 19	A 19 - A 20	A 20 - A 21	A 21 - A 22.1	A 22.1 - A 22.2	A 22.2 - A 23.0.1	A 23.0.1 - A 23.0.2	A 23.0.2 - A 24.1	A 24.1 - A 24.2
Section length, miles (0.1 mile)	1.1	1.7	2.2	0.9	1.2	0.3	1.7	0.5	2.1	2.4	2.2	2.9	2.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	E	N	N	N	E	N	E	N	E	N
Design Code: 1 or 3	1	1	1	1	1	1	1	1	3	3	3	3	3
No. Lanes to be constructed this estimate	--	--	--	--	--	--	--	--	4	4	4	4	4
No. through traffic lanes	4	2	2	2	4	4	4	4	4	4	4	4	4
Finance code	20	20	20	20	21	21	21	21	23	22	23	22	23
No. of terminated cross roads	--	--	--	--	--	--	--	1	1	3	1	2	1
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C													
7. R.R. grade separations — Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps — Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	1	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete — Cost	--	--	--	--	--	--	--	--	203	--	203	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	1	--	1	--	--
No. in service - cost = zero	1	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	1	--	--	--	--	--	--
10. Other bridges: tunnels — Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	1	--	1	--	--	--	--	--	--	--
Total Structures — Cost	--	--	--	--	--	--	--	--	203	--	203	--	--
No.for which costs estimated	--	--	--	--	--	--	--	--	1	--	1	--	--
No.in service - cost = zero	1	--	1	--	--	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero	--	--	--	1	--	1	1	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM		ESTIMATE SECTION												
		A 24.2 - A 24.3	A 24.3 - A 25	A 25 - A 26	A 26 - A 27.1	A 27.1 - A 27.2	A 27.2 - A 28.1	A 28.1 - A 28.2	A 28.2 - A 29.1	A 29.1 - A 29.2.1	A 29.2.1- Z 29.2.2	A 29.2.2- A 29.2.3	A 29.2.3- A 29.3	A 29.3 - A 30.0.1
Section length, miles (0.1 mile)		5.7	1.0	2.5	2.0	2.8	3.7	5.6	1.5	2.5	1.4	2.5	3.7	0.7
Class: Rural or Urban		R	R	U	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	N	N	N	N	N	N	E	E	N	E	E
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		4	4	4	4	4	--	--	4	4	4	4	4	4
No. through traffic lanes		4	4	4	4	4	4	4	4	4	4	4	4	4
Finance code		23	**23**	23	23	23	23	23	23	22	22	23	22	22
No. of terminated cross roads		--	--	--	--	--	1	1	1	1	1	2	3	--
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C		ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations	Cost	127	--	217	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		1	--	1	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	2	1	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	111	110	249	--	116	--	--	--	--	--	--	--	--
No. for which costs estimated		1	1	1	--	1	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	1	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	550	--	524	266	140	--	--	233	--	--	272	230	--
No. for which costs estimated		2	--	2	1	1	--	--	1	--	--	1	1	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	1	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	2	1	1	--	--	--	--	--	--
Total Structures	Cost	788	110	990	266	256	--	--	233	---	--	272	230	--
No. for which costs estimated		4	1	4	1	2	--	--	1	--	--	1	1	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	2	4	3	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	A 30.0.1 - A 30.0.2	A 30.0.2 - A 31	A 31 - A 32	A 32 - A 33	A 33 - A 34.0.1	A 34.0.1- A 34.0.2	A 34.0.2- A 34.0.3	A 34.0.3- A 35	A 35 - A 36	A 36 - A 37	A 37 - A 38	A 38 - B 1	B 1 - B 2.1
Section length, miles (0.1 mile)	3.0	2.7	5.0	6.1	1.5	3.2	0.7	2.8	3.7	5.9	5.9	2.3	4.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	N	N	E	E	N	N	E	E	E	N	E
Design Code: 1 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	--	--	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance code	22	22	23	23	22	22	23	23	20	20	22	23	22
No. of terminated cross roads	--	2	1	--	--	1	--	--	--	--	1	--	--
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	--	--	--	--	--	--	--	--	--	--	206	188	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	1	1	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	--	--	--	94	--	--	102	102	--	--	--	--	--
No. for which costs estimated	--	--	--	1	--	--	1	1	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	2	3	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete Cost	--	--	266	--	--	--	375	--	--	--	237	315	241
No. for which costs estimated	--	--	1	--	--	--	2	--	--	--	1	1	1
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	2	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	256	195	--	--	--	--	--	--	--	--	127
No. for which costs estimated	--	--	1	1	--	--	--	--	--	--	--	--	1
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	--	--	522	289	--	--	477	102	--	--	443	503	368
No. for which costs estimated	--	--	2	2	--	--	3	1	--	--	2	2	2
No. in service - cost = zero	--	--	--	--	--	--	--	--	2	5	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	B 2.1 - B 2.2	B 2.2 - B 3	B 3 - B 4	B 4 - B 5.1	B 5.1 - B 5.2	B 5.2 - B 6	B 6 - B 7	B 7 - B 8	B 8 - B 9	B 9 - B 10	B 10 - B 12.3.1	B 12.3.1- B 12.3.2	B 12.3.2- B 13.0.1
Section length, miles (0.1 mile)	7.6	1.0	3.4	3.1	3.1	3.8	3.6	2.9	1.6	7.0	=	2.8	2.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	G 20.1 -	R	R
Location: Existing, new or toll	N	N	E	N	E	E	E	N	N	E	G 21	N	N
Design Code: 1 or 3	1	1	1	1	1	1	1	1	1	1	See	1	1
No. Lanes to be constructed this estimate	--	--	4	4	4	4	4	--	--	4	FAI 15	--	4
No. through traffic lanes	2	4	4	4	4	4	4	4	4	4		4	4
Finance code	20	20	22	23	22	22	22	23	23	22		23	23
No. of terminated cross roads	2	--	1	1	--	1	2	1	--	1		--	--
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--		--	--
WORK CLASSIFICATION			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C													
7. R.R. grade separations Cost	--	--	--	--	268	--	--	--	--	122		--	--
No. for which costs estimated	--	--	--	--	1	--	--	--	--	1		--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--		--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	1	--		--	--
8. Highway grade separations without ramps Cost	--	--	--	72	--	--	--	--	--	--	COINCIDENT MILEAGE	--	--
No. for which costs estimated	--	--	--	1	--	--	--	--	--	--		--	--
No. in service - cost = zero	4	--	--	--	--	--	--	--	--	--		--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	1	--	--		1	--
9. Interchanges, complete Cost	--	--	--	--	--	218	--	--	--	417		--	--
No. for which costs estimated	--	--	--	--	--	1	--	--	--	2		--	--
No. in service - cost = zero	1	1	--	--	--	--	--	--	--	--		--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	1	--	--		--	--
10. Other bridges: tunnels Cost	--	--	95	48	--	115	119	--	--	--		--	--
No. for which costs estimated	--	--	2	1	--	1	1	--	--	--		--	--
No. in service - cost = zero	--	1	--	--	--	--	--	--	--	--		--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--		--	--
Total Structures Cost	--	--	95	120	268	333	119	--	--	539		--	--
No. for which costs estimated	--	--	2	2	1	2	1	--	--	3		--	--
No. in service - cost = zero	5	2	--	--	--	--	--	--	--	--		--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	2	1	--		1	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 7 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	B 13.0.1 - B 13.0.2	B 13.0.2- B 14.1	B 14.1 - B 14.2	B 14.2 - B 15	B 15 - B 16	B 16 - B 17.1	B 17.1 - B 17.2	B 17.2 - B 18	B 18 - C 1	C 1 - C 2	C 2 - C 3.1.1	C 3.1.1 - C 3.1.2	C 3.1.2 - C 3.2
Section length, miles (0.1 mile)	2.3	4.7	2.4	7.1	2.5	2.9	8.5	5.2	1.8	2.5	3.0	1.0	2.1
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	N	E	N	N	N	N	N	N	N
Design Code: 1 or 3	1	1	1	3	3	3	1	1	3	3	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	2	4	4	4	4	--
No. through traffic lanes	4	4	4	4	4	4	4	2	4	4	4	4	4
Finance code	23	23	23	23	23	22	23	23	23	23	23	23	23
No. of terminated cross roads	2	--	2	2	--	1	2	2	--	--	1	1	--
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C	ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations Cost	--	--	--	234	--	--	--	--	--	--	--	172	--
No. for which costs estimated	--	--	--	1	--	--	--	--	--	--	--	1	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	1
8. Highway grade separations without ramps Cost	--	--	--	86	84	99	57	--	--	--	--	--	--
No. for which costs estimated	--	--	--	1	1	1	1	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	1
9. Interchanges, complete Cost	244	--	270	210	--	210	--	181	--	--	204	86	--
No. for which costs estimated	1	--	1	1	--	1	--	1	--	--	1	1	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	--	--	--	--	119	--	--	--	--	399	--
No. for which costs estimated	--	--	--	--	--	--	1	--	--	--	--	1	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	3
Total Structures Cost	244	--	270	530	84	309	176	181	--	--	204	657	--
No. for which costs estimated	1	--	1	3	1	2	2	1	--	--	1	3	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	5

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 8 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	C 3.2 - C 4.1	C 4.1 - C 4 2	C 4.2 - C 5.1	C 5.1 - C 5.2	C 5.2 - C 6	C 6 - C 7.1	C 7.1 - C 7.2	C 7.2 - C 8.1	C 8.1 - C 8.2	C 8.2 - C 9	C 9 - C 10	C 10 - C 11	C 11 - C 12.1
Section length, miles (0.1 mile)	6.9	1.5	9.5	8.4	0.7	1.4	3.7	1.1	4.2	3.4	5.1	3.2	3.0
Class: Rural or Urban	R	R	R	R	R	U	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	N	N	E	E	E	E	E	E	N
Design Code: 1 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	--	--	4	4	4	4	4	--	--	4	4	4	--
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance code	23	23	23	23	23	23	22	20	20	22	22	22	20
No. of terminated cross roads	4	5	4	7	--	--	2	1	1	3	--	1	--
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	--	--	--	--	--	447	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	3	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	1	--	--	--	1
No. in authorized status - cost = zero	--	2	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	--	--	180	90	125	98	110	--	--	--	89	123	--
No. for which costs estimated	--	--	2	1	1	1	1	--	--	--	1	1	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete Cost	--	--	211	363	--	252	--	--	--	227	227	--	--
No. for which costs estimated	--	--	1	1	--	1	--	--	--	1	1	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	1	1	--	--	--	2
No. in authorized status - cost = zero	1	1	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	301	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	3	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	--	--	692	453	125	797	110	--	--	227	316	123	--
No.for which costs estimated	--	--	6	2	1	5	1	--	--	1	2	1	--
No.in service - cost = zero	--	--	--	--	--	--	--	1	2	--	--	--	3
No.in authorized status - cost = zero	1	3	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 9 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	C 12.1 - C 12.2	C 12.2 - C 13	C 13 - C 14	C 14 - C 15.1	C 15.1 - C 15.2	C 15.2 - C 15.3	C 15.3 - D 1	D 1 - D 2	D 2 - D 3.1	D 3.1 - D 3.2	D 3.2 - D 4.1	D 4.1 - D 4.2	D 4.2 - D 5.1
Section length, miles (0.1 mile)	0.2	0.5	3.4	4.7	7.7	4.0	0.4	13.6	4.0	5.7	2.2	10.4	1.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	E	E	E	E	E	N	N	E	E	N
Design Code: 1 or 3	1	1	1	1	1	1	3	3	3	3	3	3	1
No. Lanes to be constructed this estimate	--	--	--	--	--	--	4	4	4	4	4	4	--
No. through traffic lanes	4	4	4	4	2	4	4	4	4	4	4	4	2
Finance code	20	20	20	20	20	20	22	22	23	23	22	22	21
No. of terminated cross roads	--	--	--	--	--	2	--	4	3	--	--	3	1
No. of intersections at grade	--	--	--	--	14	1	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	--	--	--	--	--	--	--	--	99	118	--	267	--
No. for which costs estimated	--	--	--	--	--	--	--	--	1	1	--	3	--
No. in service - cost = zero	--	--	1	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	1
9. Interchanges, complete Cost	--	--	--	--	--	--	207	207	207	--	207	--	--
No. for which costs estimated	--	--	--	--	--	--	1	1	1	--	1	--	--
No. in service - cost = zero	--	--	--	2	1	1	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	--	--	--	--	--	--	607	183	--	159	--
No. for which costs estimated	--	--	--	--	--	--	--	--	2	3	--	2	--
No. in service - cost = zero	--	1	--	--	1	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	--	--	--	--	--	--	207	207	913	301	207	426	--
No.for which costs estimated	--	--	--	--	--	--	1	1	4	4	1	5	--
No.in service - cost = zero	--	1	1	2	2	1	--	--	--	--	--	--	--
No.in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	1

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 10 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM		ESTIMATE SECTION												
		D 5.1 - D 5.2	D 5.2 - D 5 3	D 5.3 - D 6	D 6 - D 7.1	D 7.1 - D 7.2.1	D 7.2.1 - D 7 2.2	D 7.2.2 - D 8	D 8 - D 9	D 9 - D 10.1	D 10.1 - D 10.2	D 10.2 - D 11	D 11 - D 12	D 12 - D 13.1
Section length, miles (0.1 mile)		0.3	1.8	2.7	2.4	2.0	6.9	2.0	5.1	9.5	3.1	3.1	4.8	3.9
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	E	E	E	E	N	N	E	E	N	N	N
Design Code: 1 or 3		1	1	1	1	1	3	3	1	3	3	1	1	1
No. Lanes to be constructed this estimate		--	--	--	--	--	4	4	4	4	4	4	4	--
No. through traffic lanes		2	4	2	2	2	4	4	4	4	4	4	4	4
Finance code		21	21	21	21	20	22	23	23	22	22	23	23	21
No. of terminated cross roads		--	1	2	1	--	--	3	1	--	1	--	2	3
No. of intersections at grade		--	--	3	--	1	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	1	--	--	--	--	--	--	--	--	1
8. Highway grade separations without ramps	Cost	--	--	--	--	--	168	--	69	99	99	98	174	--
No. for which costs estimated		--	--	--	--	--	2	--	1	1	1	1	2	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	1
9. Interchanges, complete	Cost	--	--	--	--	--	--	--	207	205	--	206	243	--
No. for which costs estimated		--	--	--	--	--	--	--	1	1	--	1	1	--
No. in service - cost = zero		--	--	--	--	1	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	1	--	1	--	--	--	--	--	--	--	--	2
10. Other bridges: tunnels	Cost	--	--	--	--	--	--	202	191	326	95	--	--	--
No. for which costs estimated		--	--	--	--	--	--	2	1	3	1	--	--	--
No. in service - cost = zero		--	--	--	--	1	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	1	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	--	--	--	--	168	202	467	630	194	304	417	--
No.for which costs estimated		--	--	--	--	--	2	2	3	5	2	2	3	--
No.in service - cost = zero		--	--	--	--	2	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero		--	1	--	3	--	--	--	--	--	--	--	--	4

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 11 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	D 13.1 - D 13.2	D 13.2 - D 14.0.1	D 14.0.1- D 14.0.2	D 14.0.2- D 14.0.3	D 14.0.3 - D 15.1	D 15.1 - D 15.2	D 15.2 - D 16 - M 1	M 1 - M 2	M 2 - M 3	M 3 - M 4	M 4 - M 5	M 5 - M 6	M 6 - M 7
Section length, miles (0.1 mile)	1.4	6.4	1.2	3.0	2.4	1.2	3.7	6.0	5.7	2.5	2.3	4.3	8.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	N	N	N	N	N	N	N	N	N	N	N
Design Code: 1 or 3	1	1	1	1	1	1	1	1	3	1	3	3	1
No. Lanes to be constructed this estimate	--	--	--	4	4	4	4	4	4	2	4	4	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	2	4	4	2
Finance code	20	20	21	23	23	23	23	23	23	23	23	23	23
No. of terminated cross roads	2	13	--	8	--	--	--	1	--	--	--	--	--
No. of intersections at grade	--	--	--	--	--	--	--	--	--	--	--	--	4
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	--	--	--	--	127	--	--	--	--	--	--	--	94
No. for which costs estimated	--	--	--	--	1	--	--	--	--	--	--	--	1
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	--	--	--	169	--	--	119	256	--	--	--	--	46
No. for which costs estimated	--	--	--	2	--	--	1	2	--	--	--	--	1
No. in service - cost = zero	--	2	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete Cost	--	--	--	--	261	349	253	207	203	--	--	--	181
No. for which costs estimated	--	--	--	--	1	1	1	1	1	--	--	--	1
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	1	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	--	--	--	--	--	--	96	64	--	--	--	--
No. for which costs estimated	--	--	--	--	--	--	--	2	1	--	--	--	--
No. in service - cost = zero	1	4	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	1	--	--	--	--	--	--	--
Total Structures Cost	--	--	--	169	388	349	372	559	267	--	--	--	321
No.for which costs estimated	--	--	--	2	2	1	2	5	2	--	--	--	3
No.in service - cost = zero	1	6	--	--	--	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero	--	--	1	--	--	1	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 12 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION												
	M 7 - M 8.0.1	M 8.0.1 - M 8.0.2	M 8.0.2 - M 9	M 9 - M 10	M 10 - M 11	M 11 - M 12	M 12 - M 13	M 13 - M 14	M 14 - M 15	M 15 - M 16	M 16 - M 17	M 17 - M 18	M 18 - M 19
Section length, miles (0.1 mile)	7.4	5.1	2.8	2.4	0.7	5.1	0.9	1.7	0.8	6.6	10.4	1.4	12.7
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	E	E	E	E	E	E	E	E	E	E	E
Design Code: 1 or 3	1	1	1	1	1	1	1	1	1	1	3	3	3
No. Lanes to be constructed this estimate	2	2	2	--	--	--	--	--	--	2	4	4	2
No. through traffic lanes	2	2	2	2	4	2	4	4	2	2	4	4	2
Finance code	23	23	22	20	20	20	20	20	20	22	22	22	22
No. of terminated cross roads	--	6	--	2	--	8	1	2	--	2	1	--	2
No. of intersections at grade	--	--	--	--	--	--	--	--	--	8	--	--	--
WORK CLASSIFICATION			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C													
7. R.R. grade separations Cost	--	77	107	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated	--	1	1	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps Cost	46	--	60	--	--	--	--	--	--	--	115	--	119
No. for which costs estimated	1	--	1	--	--	--	--	--	--	--	2	--	2
No. in service - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete Cost	--	181	181	--	--	--	--	--	--	352	--	205	--
No. for which costs estimated	--	1	1	--	--	--	--	--	--	2	--	1	--
No. in service - cost = zero	--	--	--	--	1	--	1	1	--	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels Cost	--	29	353	--	--	--	--	--	--	--	127	64	67
No. for which costs estimated	--	1	1	--	--	--	--	--	--	--	1	1	1
No. in service - cost = zero	--	--	--	--	--	--	1	--	1	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures Cost	46	287	701	--	--	--	--	--	--	352	242	269	186
No. for which costs estimated	1	3	4	--	--	--	--	--	--	2	3	2	3
No. in service - cost = zero	--	--	--	--	1	--	2	1	1	--	--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 13 OF 13

STATE MONTANA

INTERSTATE ROUTE NO. 90

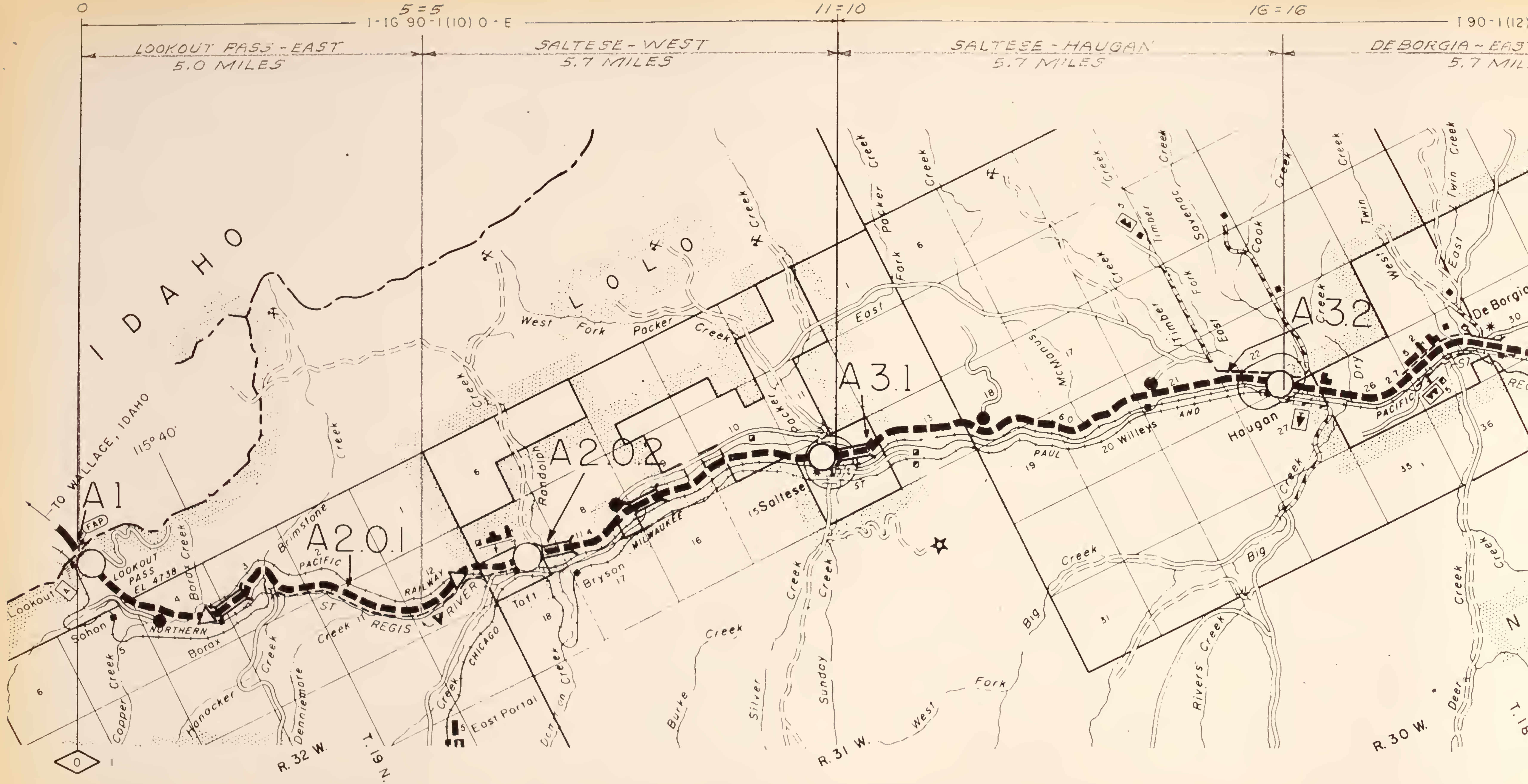
ITEM		ESTIMATE SECTION										Sub Total		
		M 19 - M 20	M 20 - M 21									Rural	Urban	Total
Section length, miles (0.1 mile)		5.4	4.2									536.7	3.9	540.6
Class: Rural or Urban		R	R									xxx	xxx	xxx
Location: Existing, new or toll		E	E									xxx	xxx	xxx
Design Code: 1 or 3		3	3									xxx	xxx	xxx
No. Lanes to be constructed this estimate		2	2									xxx	xxx	xxx
No. through traffic lanes		2	2									xxx	xxx	xxx
Finance code		22	22									xxx	xxx	xxx
No. of terminated cross roads		3	--									173	--	173
No. of intersections at grade		--	--									32	--	32
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--									4819	664	5483
No. for which costs estimated		--	--									21	4	25
No. in service - cost = zero		--	--									3	--	3
No. in authorized status - cost = zero		--	--									9	--	9
8. Highway grade separations without ramps	Cost	59	--									4172	347	4519
No. for which costs estimated		1	--									47	2	49
No. in service - cost = zero		--	--									13	--	13
No. in authorized status - cost = zero		--	--									6	--	6
9. Interchanges, complete	Cost	167	--									13319	776	14095
No. for which costs estimated		1	--									60	3	63
No. in service - cost = zero		--	--									19	--	19
No. in authorized status - cost = zero		--	--									10	--	10
10. Other bridges: tunnels	Cost	--	--									6416	--	6416
No. for which costs estimated		--	--									45	--	45
No. in service - cost = zero		--	--									11	--	11
No. in authorized status - cost = zero		--	--									13	--	13
Total Structures	Cost	226	--									28726	1787	30513
No.for which costs estimated		2	--									173	9	182
No.in service - cost = zero		--	--									46	--	46
No.in authorized status - cost = zero		--	--									38	--	38

Signatures: Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer


0
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I-IG 90-I(10) 0-E
11=10
16=16
I 90-1(12)
LOOKOUT PASS - EAST
5.0 MILES
SALTESE - WEST
5.7 MILES
SALTESE - HAUGAN
5.7 MILES
DEBORGIA - EAS
5.7 MIL
IDAHO
LOLO
TO WALLACE, IDAHO
115° 40'
A1
FAP
LOOKOUT PASS EL 4738
Lookout
Sohon
NORTHERN
Borax
Borax Creek
Brimstone
A2.0.1
PACIFIC
ST
REGIS
RAILWAY
RIVER
Creek
Copper Creek
Hanacker
Creek
Denniemore
CHICAGO
Creek
East Portal
Taft
Randolph
A2.0.2
Bryson
MILWAUKEE
West Fork Packer Creek
Creek
Creek
Pocker Creek
East Fork
Pocker Creek
Creek
15 Saltese
ST
A3.1
Silver
Sunday Creek
Creek
Burke
West Fork
Creek
Big Creek
Big
Big Creek
McManus
Creek
Timber
Timber
Fork
Sovenac
Creek
East
Cook
Creek
PAUL
20 Willeys
AND
Hougan
A3.2
Creek
Dry
Rivers' Creek
Twin
Creek
West
Twin Creek
East
De Borgia
PACIFIC
ST
REG
Deer Creek
Creek
R. 32 W.
T. 19 N.
R. 31 W.
R. 30 W.
T. 18
N
0
1
6
5
4
3
2
1
12
6
8
10
11
114
13
16
17
18
19
18
22
21
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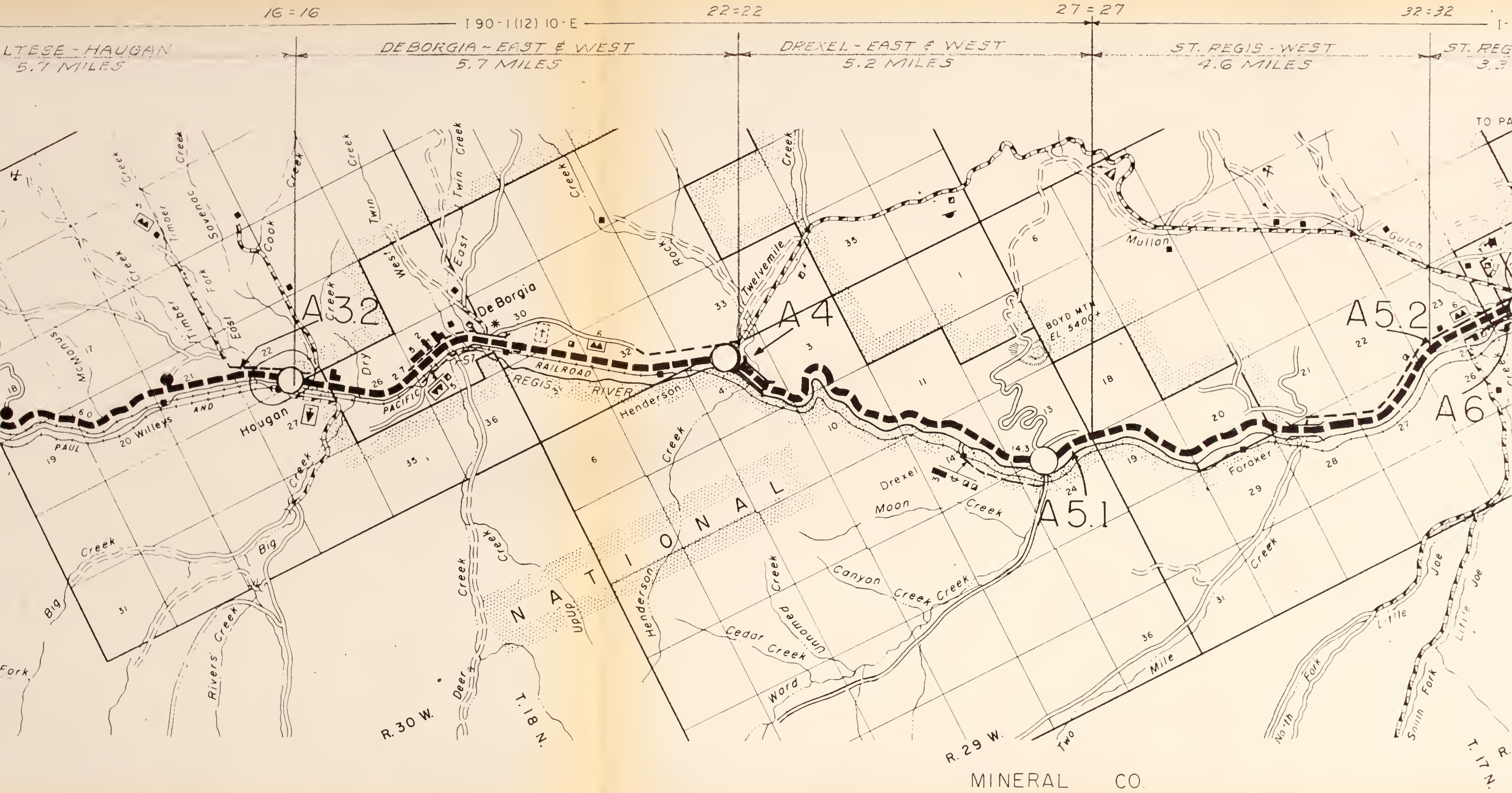
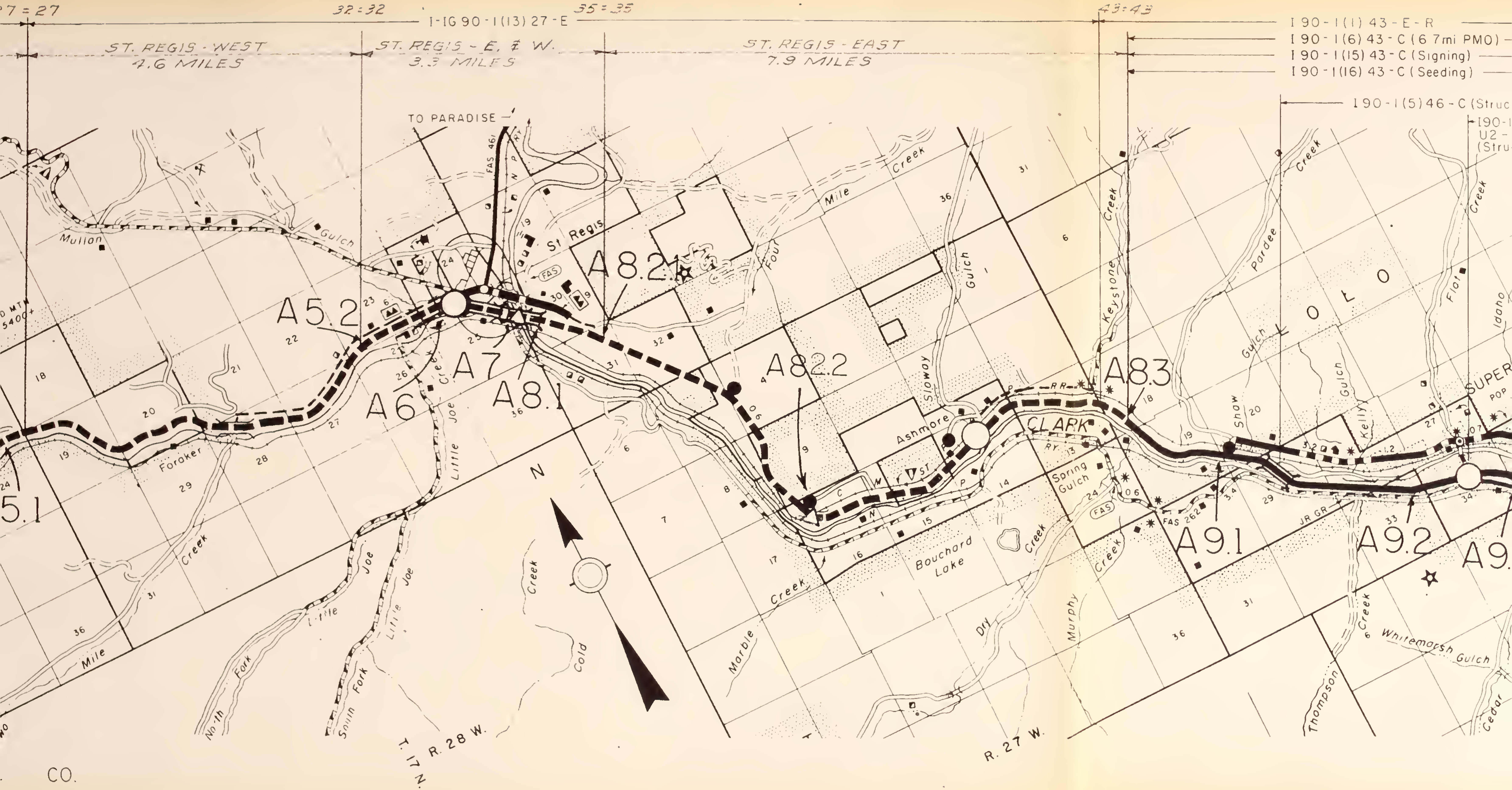
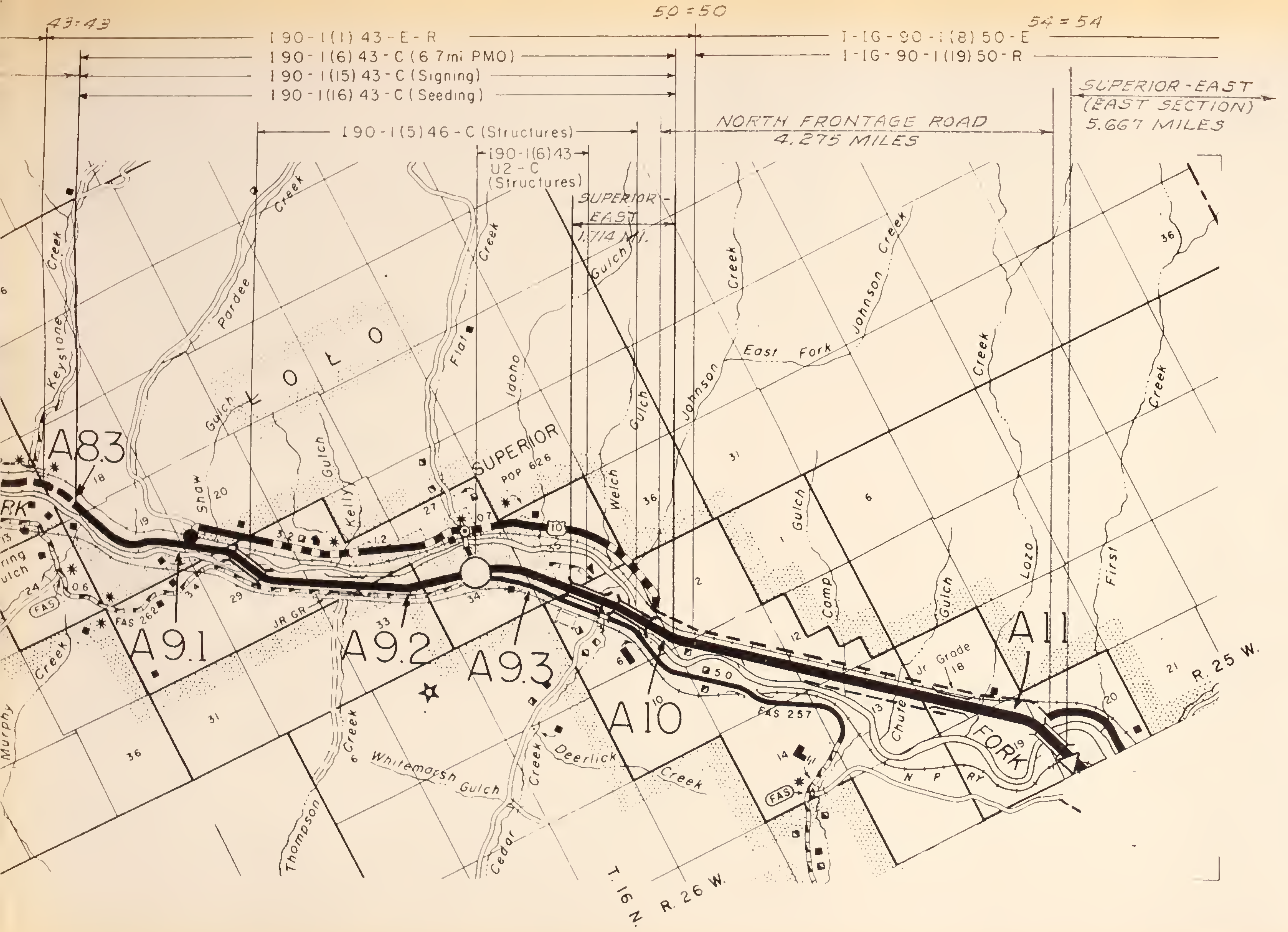
27
27
30
31
35
36
60
6
1
17
3
5
2


16=16
I 90-1(12) 10-E
22=22
27=27
32=32
LTESE - HAUGAN
5.7 MILES
DEBORGIA - EAST & WEST
5.7 MILES
DREXEL - EAST & WEST
5.2 MILES
ST. REGIS - WEST
4.6 MILES
ST. REG
3.3
TO PA
A3.2
A4
A5.1
A5.2
A6
De Borgia
Hougan
Willeys
Henderson
Drexel
Mullan
Foraker
Twelvemile
BOYD MTN
EL. 5400±
ST. REGIS
PAUL
AND
PACIFIC
RAILROAD
REGIS
RIVER
NATIONAL
Cook Creek
Timber Creek
Savenac Creek
East Fork
McManus
Dry Creek
Twin Creek
West Twin
East Twin Creek
Rock Creek
Big Creek
Rivers Creek
Deer Creek
Henderson Creek
Moon Creek
Canyon Creek
Cedar Creek
Unnamed Creek
Ward
Two Mile Creek
North Fork
South Fork
Little Joe
Joe
Gulch
R. 30 W.
T. 18 N.
R. 29 W.
T. 17 N.
R.
MINERAL CO.


7 = 27
32 = 32
1-IG 90-1(13) 27-E
35 = 35
43 = 43
I 90-1(1) 43-E-R
I 90-1(6) 43-C (6 7mi PMO)
I 90-1(15) 43-C (Signing)
I 90-1(16) 43-C (Seeding)
I 90-1(5) 46-C (Struc
I90-
U2-
(Stru
ST. REGIS - WEST
4.6 MILES
ST. REGIS - E. & W.
3.3 MILES
ST. REGIS - EAST
7.9 MILES
TO PARADISE
FAS 461
N P RY
St Regis
FAS
Mullan
Gulch
A5.2
A6
A7
A8.1
A8.21
A8.2.2
A8.3
A9.1
A9.2
A9.
5.1
Four Mile Creek
Sloway
Gulch
Ashmore
CLARK
RR
RY
Spring Gulch
FAS 262
JR GR
Keystone Creek
Pardee Creek
Gulch
Show
Kelly
Gulch
Flat Creek
Idaho
L O L O
SUPER
POP
Foroker
Creek
Mile
Little Joe Creek
Little Joe
South Fork
North Fork
Cold Creek
N
Marble Creek
Bouchard Lake
Dry Creek
Murphy
Creek
Thompson Creek
Whitemarsh Gulch
Cedar
D MTN
5400
R. 28 W.
T. 17 N.
R. 27 W.
CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 ◇ 2 — ROUTE SECTIONS

SCALE IN MILES

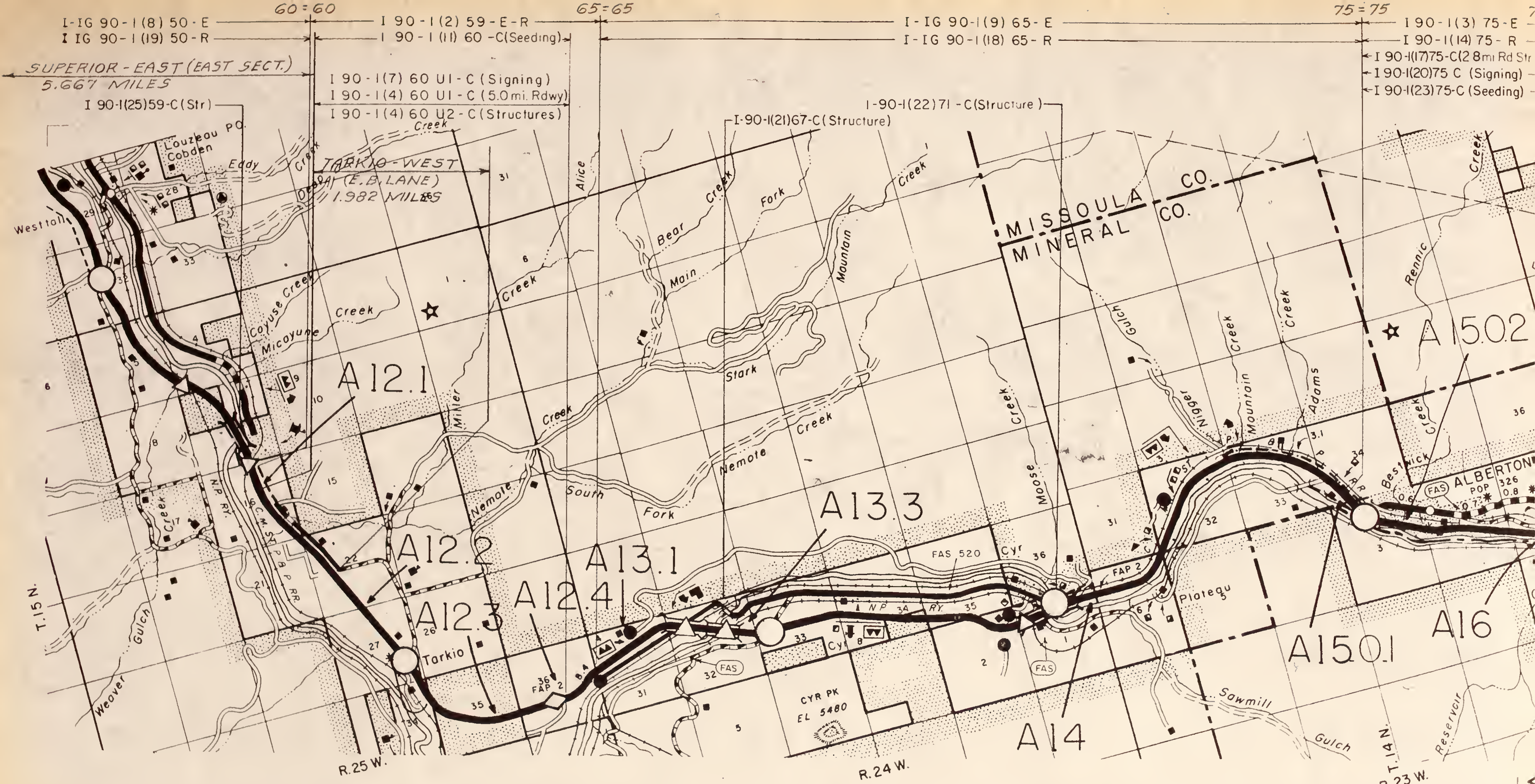
0 1 2 3 4

MONTANA

INTERSTATE ROUTE 90

Sheet 1 of 11

Date January 1, 1964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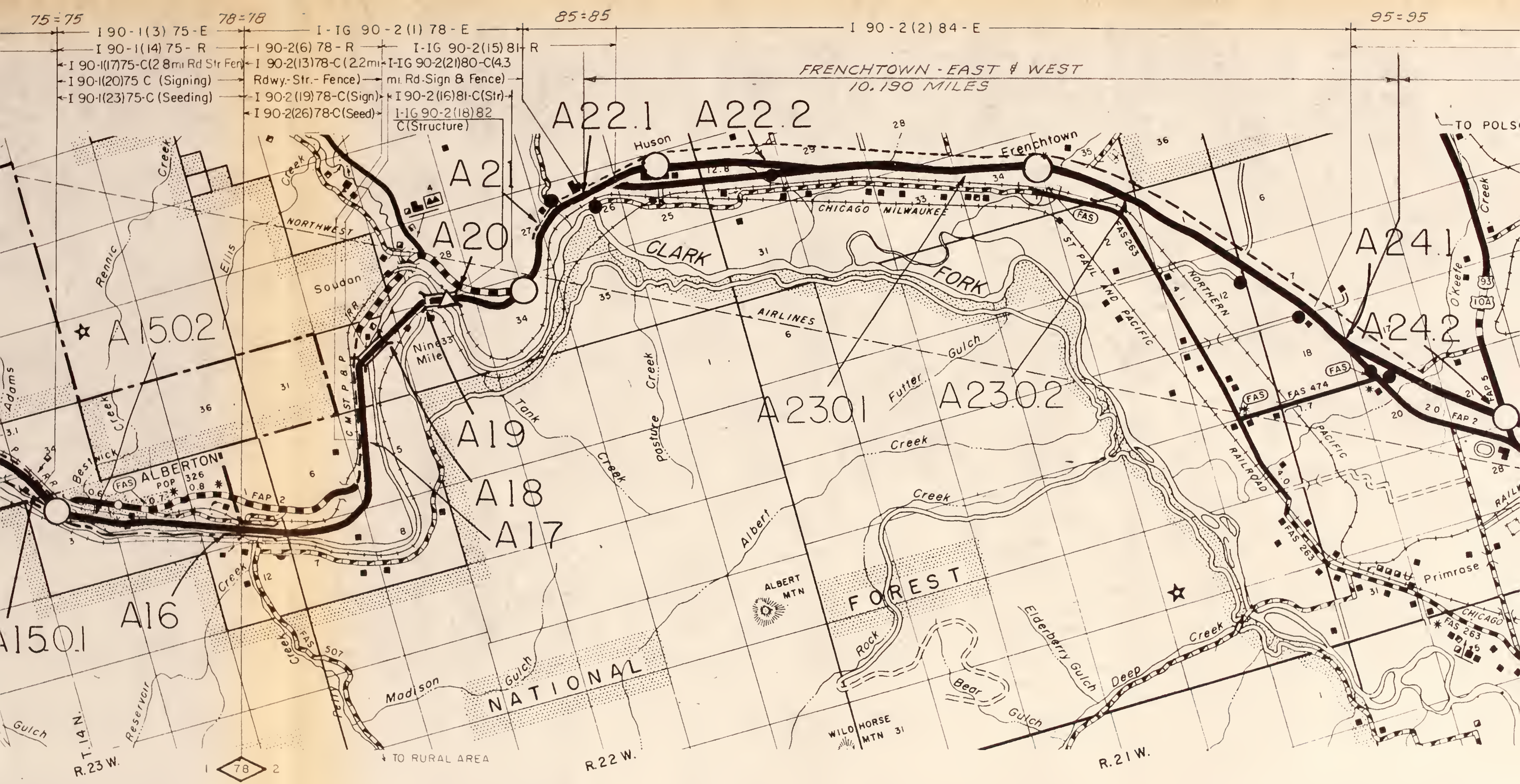
65=65
75=75
I-IG 90-1(8) 50-E
I IG 90-1(19) 50-R
I 90-1(2) 59-E-R
I 90-1(11) 60 -C(Seeding)
I-IG 90-1(9) 65-E
I-IG 90-1(18) 65-R
I 90-1(3) 75-E
I 90-1(14) 75-R
I 90-1(17)75-C(2.8mi Rd Str
I 90-1(20)75 C (Signing)
I 90-1(23)75-C (Seeding)
SUPERIOR - EAST (EAST SECT.)
5.667 MILES
I 90-1(7) 60 U1-C (Signing)
I 90-1(4) 60 U1-C (5.0mi. Rdwy)
I 90-1(4) 60 U2-C (Structures)
I 90-1(25)59-C(Str)
I-90-1(22)71 -C(Structure)
I-90-1(21)67-C(Structure)
TARKIO-WEST
(E.B. LANE)
1.982 MILES
Louzeau PO
Cobden
Westfall
Eddy Creek
Coyuse Creek
Micoyune Creek
Alice
Miller
Nemote Creek
South Fork
Bear Creek
Main Fork
Stark
Mountain
Moose Creek
Gulch
Nigger
Mountain Creek
Adams
Creek
Rennic Creek
Bestwick Creek
MISSOULA CO.
MINERAL CO.
A12.1
A12.2
A12.3
A12.41
A13.1
A13.3
A14
A15.0.1
A15.0.2
A16
N.P. RY.
C.M. ST. P. & P. RR.
NP RY.
FAS 520
FAP 2
FAS
Cyr
Plateau
Tarkio
ALBERTON
POP 326
CYR PK
EL 5480
Weaver
Gulch
Sawmill Gulch
Reservoir
T.15 N.
T.14 N.
R.25 W.
R.24 W.
R.23 W.

MINERAL CO.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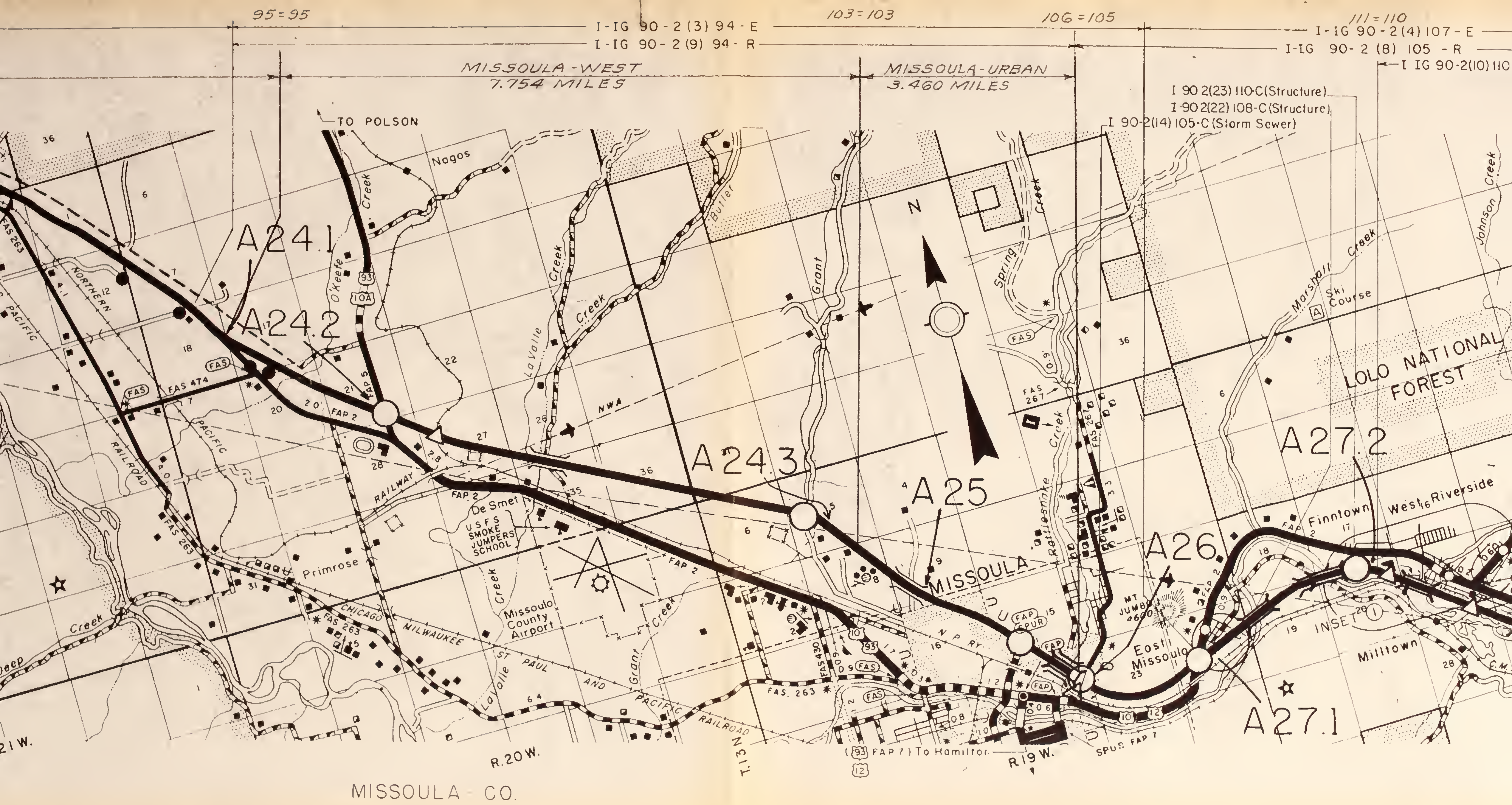
85=85
95=95
I 90-1(3) 75-E
I-IG 90-2(1) 78-E
I 90-2(2) 84-E
I 90-1(14) 75-R
I 90-2(6) 78-R
I-IG 90-2(15) 81 R
I 90-1(17)75-C(2.8mi Rd Str Fen)
I 90-2(13)78-C(2.2mi Rdwy.-Str.-Fence)
I-IG 90-2(21)80-C(4.3 mi. Rd-Sign & Fence)
I 90-1(20)75 C (Signing)
I 90-1(23)75-C (Seeding)
I 90-2(19)78-C(Sign)
I 90-2(16)81-C(Str)
I 90-2(26)78-C(Seed)
I-IG 90-2(18)82 C(Structure)
FRENCHTOWN - EAST & WEST
10.190 MILES
TO POLS
A22.1
A22.2
A21
A20
A19
A18
A17
A16
A15.01
A15.02
A23.01
A23.02
A24.1
A24.2
Huson
Frenchtown
Soudan
Nine Mile
ALBERTON
POP 326
Primrose
O'Keefe
NORTHWEST AIRLINES
CLARK FORK
CHICAGO MILWAUKEE ST PAUL AND PACIFIC
NORTHERN PACIFIC RAILROAD
C M ST P & P RR
FAS
FAS 263
FAS 474
FAS 507
FAP 2
FAP 5
93
10A
ALBERT MTN
WILD HORSE MTN
NATIONAL FOREST
Rennic Creek
Ellis Creek
Bestwick Creek
Adams
Tank Creek
Pasture Creek
Futter Gulch
Albert Creek
Rock Creek
Bear Gulch
Elderberry Gulch
Deep Creek
Madison Gulch
Reservoir Gulch
T.14 N.
R.23 W.
R.22 W.
R.21 W.
78
TO RURAL AREA

MISS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106=105
111=110
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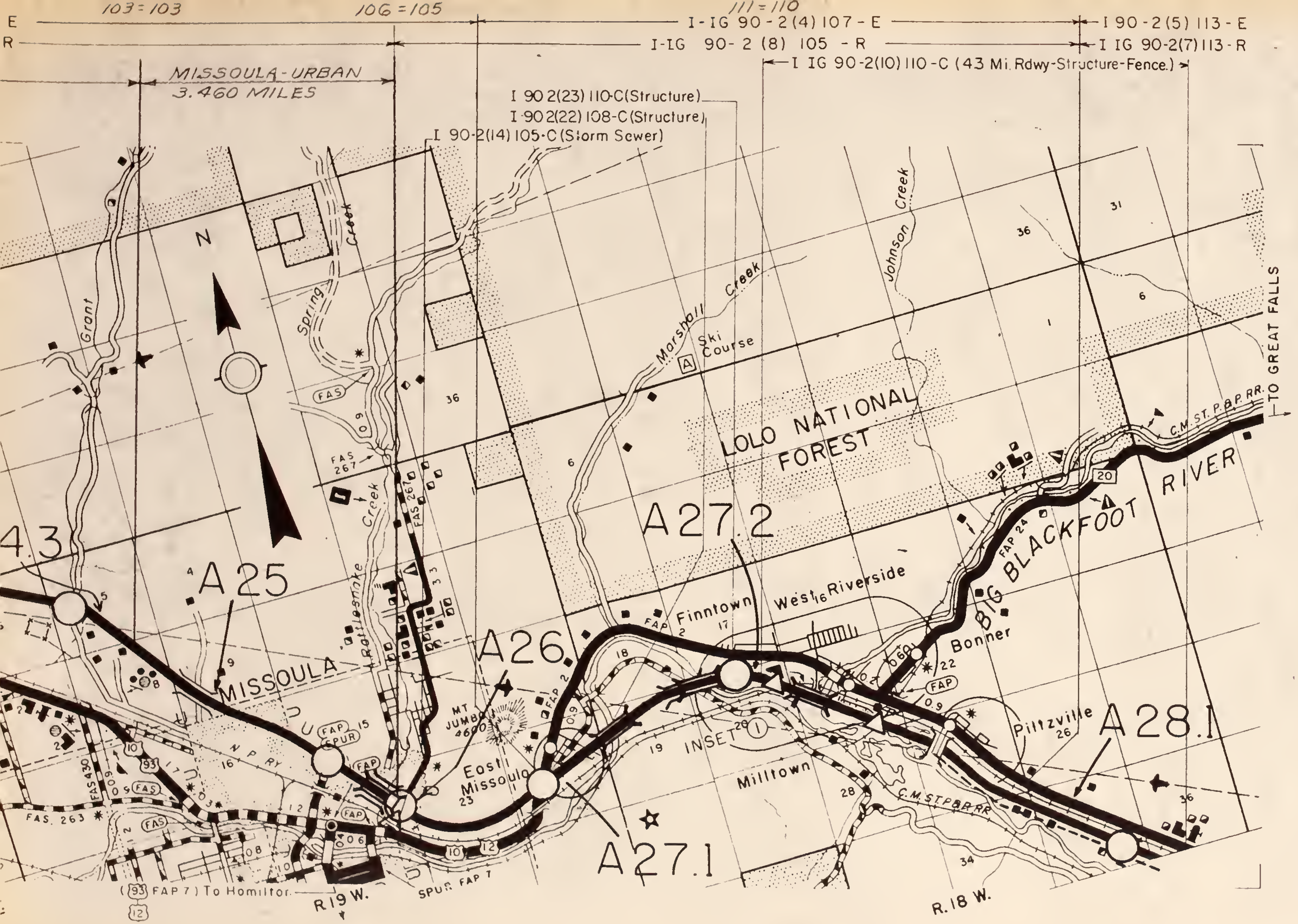
I-IG 90-2(9) 94-R
I-IG 90-2(4) 107-E
I-IG 90-2(8) 105-R
I IG 90-2(10) 110
MISSOULA-WEST
7.754 MILES
MISSOULA-URBAN
3.460 MILES
I 90 2(23) 110-C (Structure)
I 90 2(22) 108-C (Structure)
I 90-2(14) 105-C (Storm Sewer)
TO POLSON
Nagos
O'Keefe Creek
93
10A
FAP 5
A24.1
A24.2
A24.3
A25
A26
A27.1
A27.2
N
FAS 263
NORTHERN PACIFIC RAILROAD
FAS 474
FAS
FAP 2
LaValle Creek
Butler
Grant Creek
Spring Creek
Rattlesnake Creek
FAS 267
Marshall Creek
Ski Course
Johnson Creek
LOLO NATIONAL FOREST
NWA
RAILWAY
De Smet
USFS SMOKE JUMPERS SCHOOL
Missoula County Airport
Primrose
Deep Creek
CHICAGO MILWAUKEE ST PAUL AND PACIFIC RAILROAD
MISSOULA
N P RY
FAS 430
FAS 263
FAP SPUR
MT JUMBO 4600
East Missoula
Finntown
West Riverside
Milltown
INSET 1
(93 FAP 7) To Hamilton
12
10
SPUR FAP 7
21 W.
R. 20 W.
T.13 N.
R 19 W.
MISSOULA CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

SCALE IN MILES

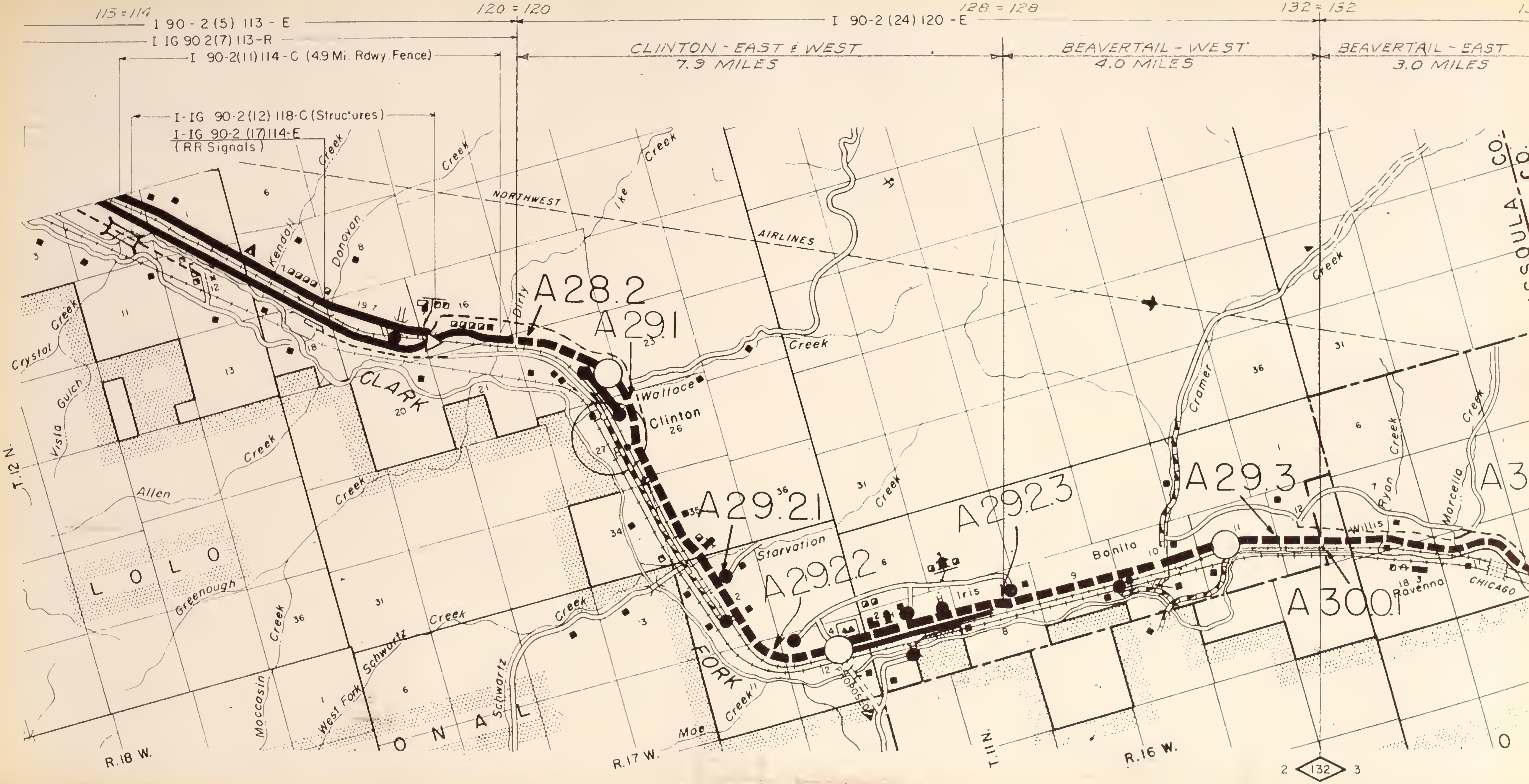
0 1 2 3 4

MONTANA

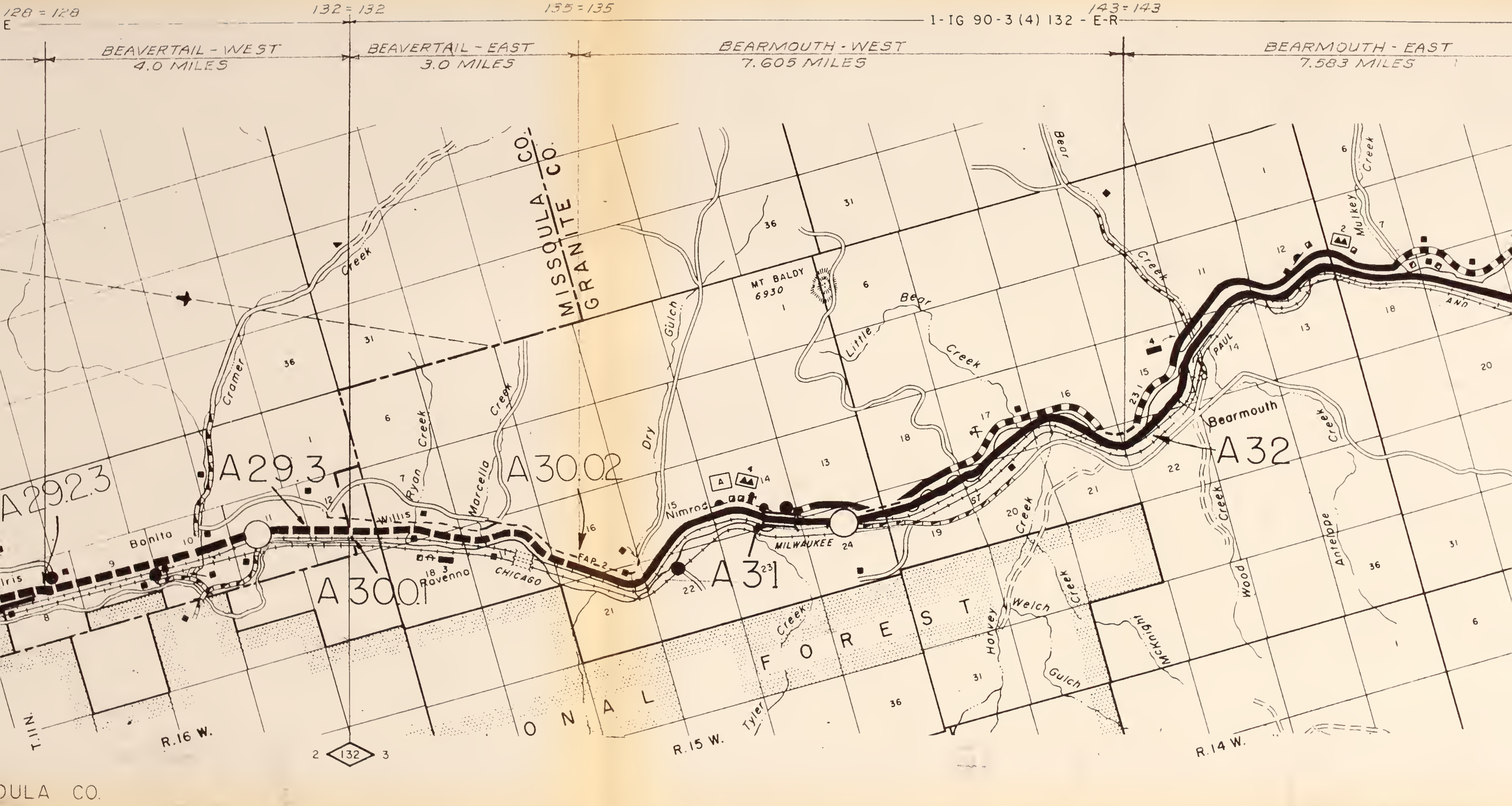
INTERSTATE ROUTE 90

Sheet 2 of 11

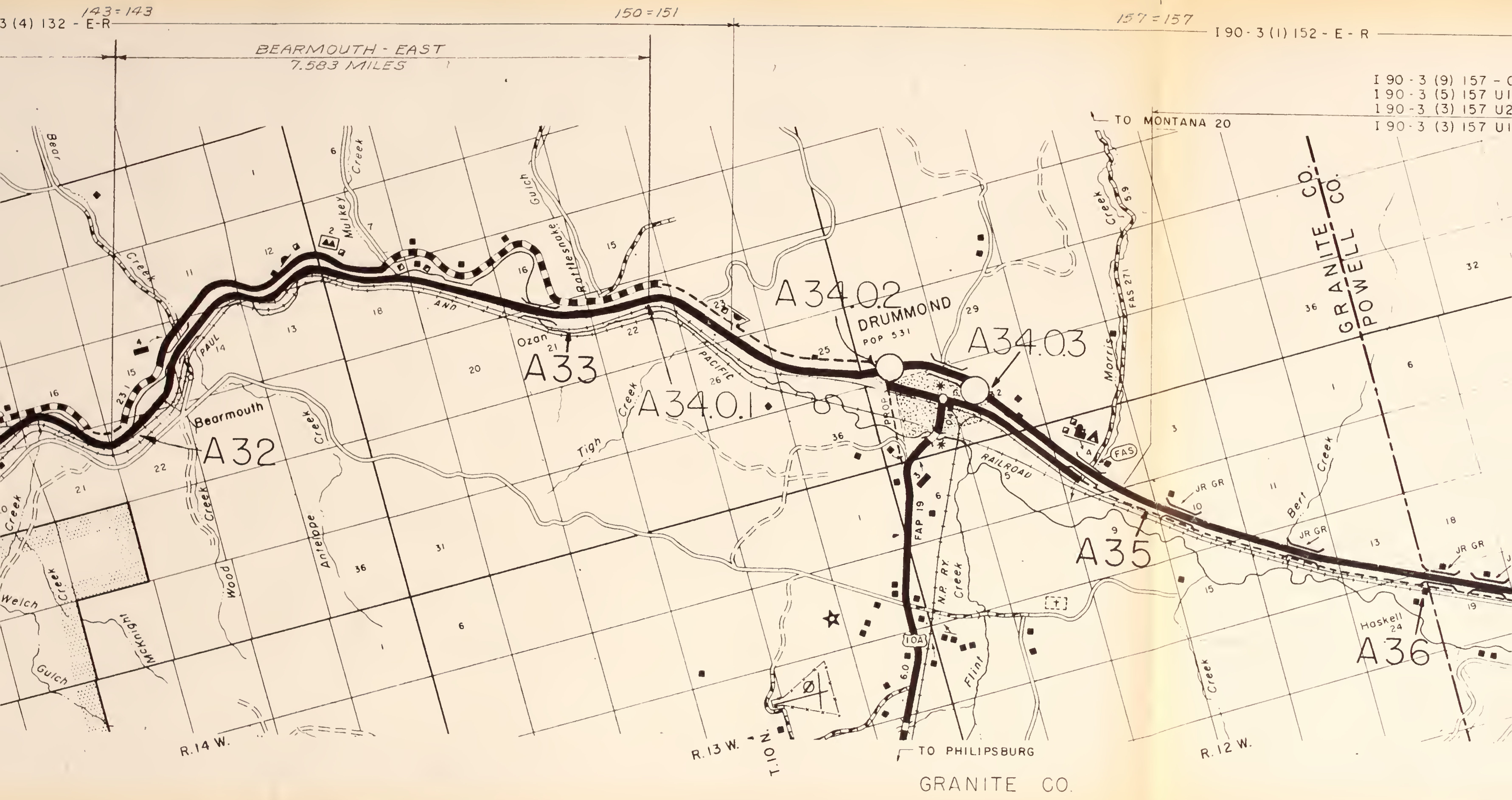
Date January 1, 1964

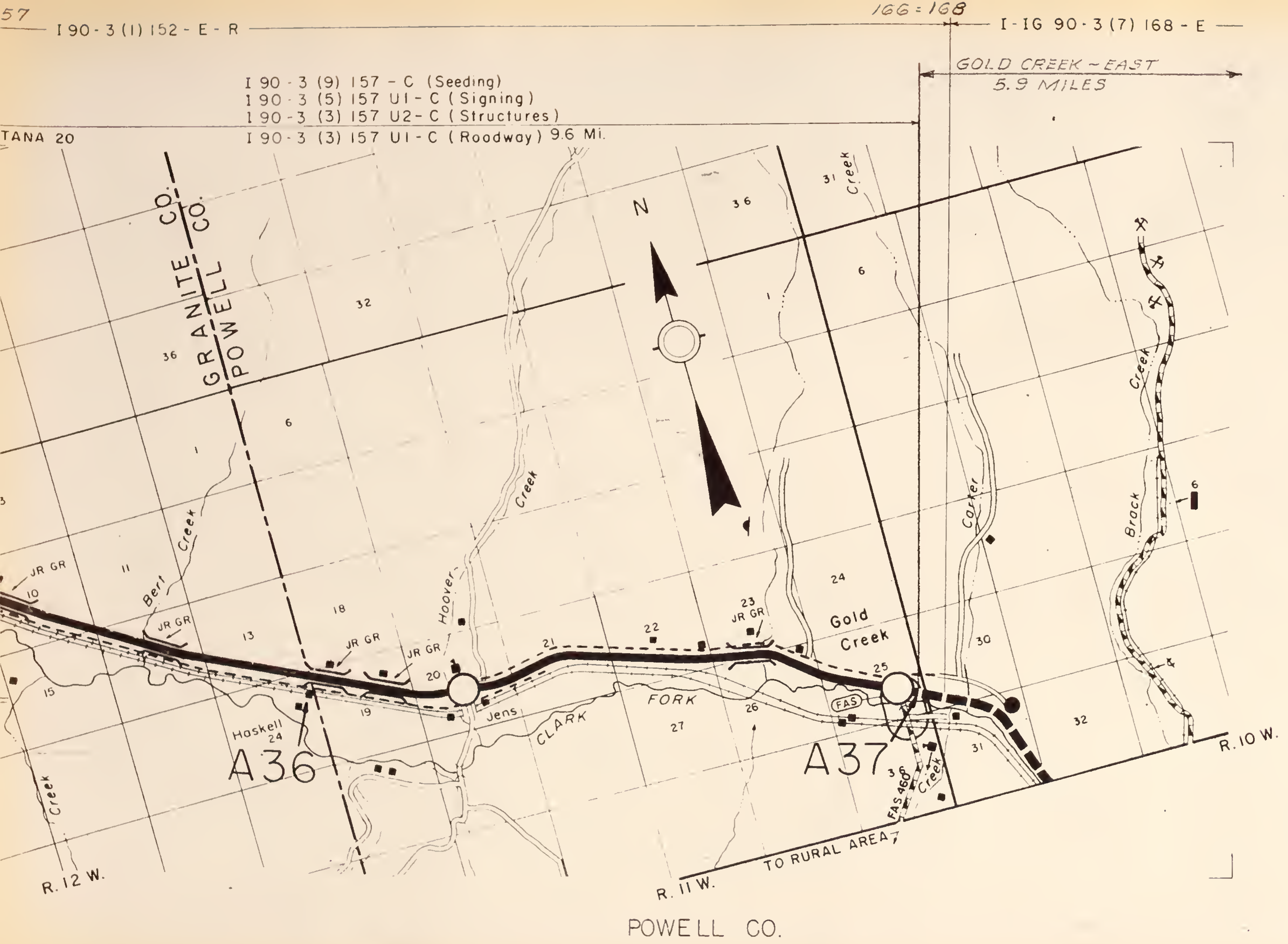

115 = 114
I 90-2(5) 113-E
I IG 90 2(7) 113-R
I 90-2(11) 114-C (4.9 Mi. Rdwy. Fence)
I-IG 90-2(12) 118-C (Structures)
I-IG 90-2 (17) 114-E
(RR Signals)
120 = 120
I 90-2 (24) 120-E
128 = 128
132 = 132
CLINTON - EAST & WEST
7.9 MILES
BEAVERTAIL - WEST
4.0 MILES
BEAVERTAIL - EAST
3.0 MILES
NORTHWEST
AIRLINES
A28.2
A29.1
A29.21
A29.2.2
A29.2.3
A29.3
A30.0.1
A3
Clinton
Wallace
Iris
Bonita
Ravenna
Willis
Starvation
Creek
Dirty
Ike
Kendall
Donovan
Crystal
Vista
Gulch
Allen
Greenough
Moccasin
West Fork
Schwartz
Moe
Cramer
Ryan
Marcella
CLARK
FORK
LOLO
ONAL
CHICAGO
MISSOULA CO.
T.12 N.
T.11 N.
R.18 W.
R.17 W.
R.16 W.
2
132
3

MISSOULA CO.



128 = 128
132 = 132
135 = 135
143 = 143
I-IG 90-3 (4) 132 - E-R
BEAVERTAIL - WEST
4.0 MILES
BEAVERTAIL - EAST
3.0 MILES
BEARMOUTH - WEST
7.605 MILES
BEARMOUTH - EAST
7.583 MILES
MISSOULA CO.
GRANITE CO.
MT BALDY
6930
A29.2.3
A29.3
A30.01
A30.02
A31
A32
Bonita
Ravenna
Willis
Nimrod
Bearmouth
CHICAGO
MILWAUKEE
PAUL
ST
AND
FAP 2
Cramer
Creek
Ryan Creek
Marcella Creek
Dry Gulch
Little Bear Creek
Beef Creek
Mulkey Creek
Antelope Creek
Wood Creek
Welch Creek
Honey
Mcknight
Gulch
Tyler Creek
ONAL FOREST
R.16 W.
R.15 W.
R.14 W.
T.11 N.
132
OULA CO.


143=143
3 (4) 132 - E-R
150=151
157=157
I 90-3 (1) 152 - E - R
BEARMOUTH - EAST
7.583 MILES
I 90 - 3 (9) 157 -
I 90 - 3 (5) 157 UI
I 90 - 3 (3) 157 U2
I 90 - 3 (3) 157 UI
TO MONTANA 20
Beef
Creek
Mulkey Creek
Gulch
Rattlesnake
PAUL
Bearmouth
A32
A33
Ozan
AND
PACIFIC
A34.0.1
A34.0.2
DRUMMOND
POP 531
A34.0.3
Morris
Creek
FAS 271
5.9
FAS
RAILROAD
JR GR
A35
Bert Creek
Haskell
A36
GRANITE CO.
POWELL CO.
Tigh Creek
Antelope Creek
Wood
Creek
McKnight
Welch
Gulch
FAP 19
N.P. RY.
Flint Creek
10A
6.0
TO PHILIPSBURG
R.14 W.
R.13 W.
T.10 N.
R.12 W.
GRANITE CO.



LEGEND FOR INTERSTATE ROUTES

▬▬	INTERSTATE LOCATION STEP 4-5
▬ ▬ ▬	INTERSTATE LOCATION STEP 1-2-3
▬○▬	INTERCHANGE
▬][▬	HIGHWAY GRADE SEPARATION - NO CONNECTION
▬△▬	RAILROAD GRADE SEPARATION
▬△▬	COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
▬▬	OTHER BRIDGE
▬- - -▬	TUNNEL
Toll	TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- - - -	FRONTAGE ROAD
—●	TERMINATED CROSS ROAD
▬◇▬	INTERSECTION AT-GRADE
U U	URBAN AREA BOUNDARY
◇19	POST MILEAGE
1 ◇ 2	ROUTE SECTIONS

SCALE IN MILES

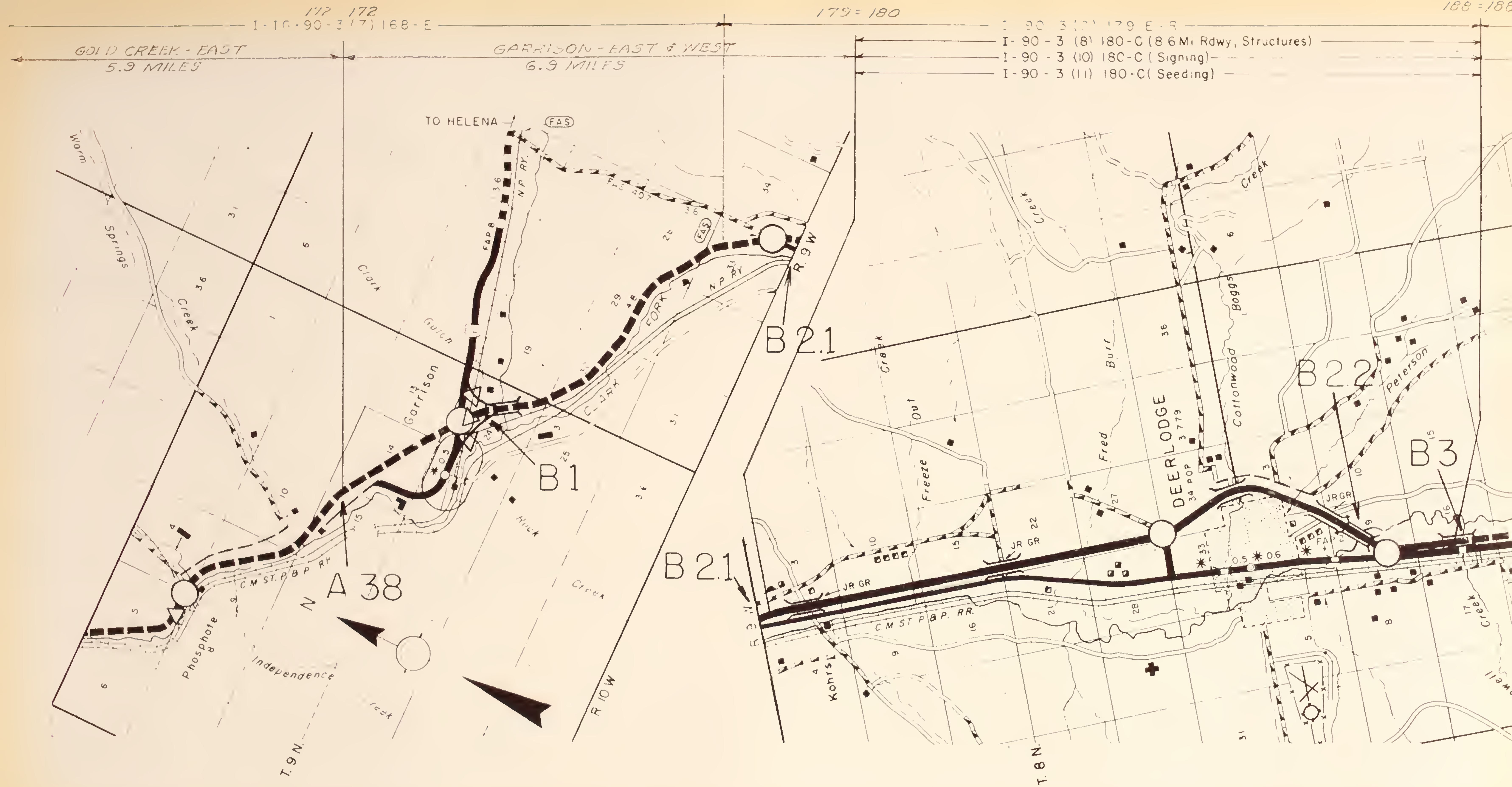
0 1 2 3 4

MONTANA

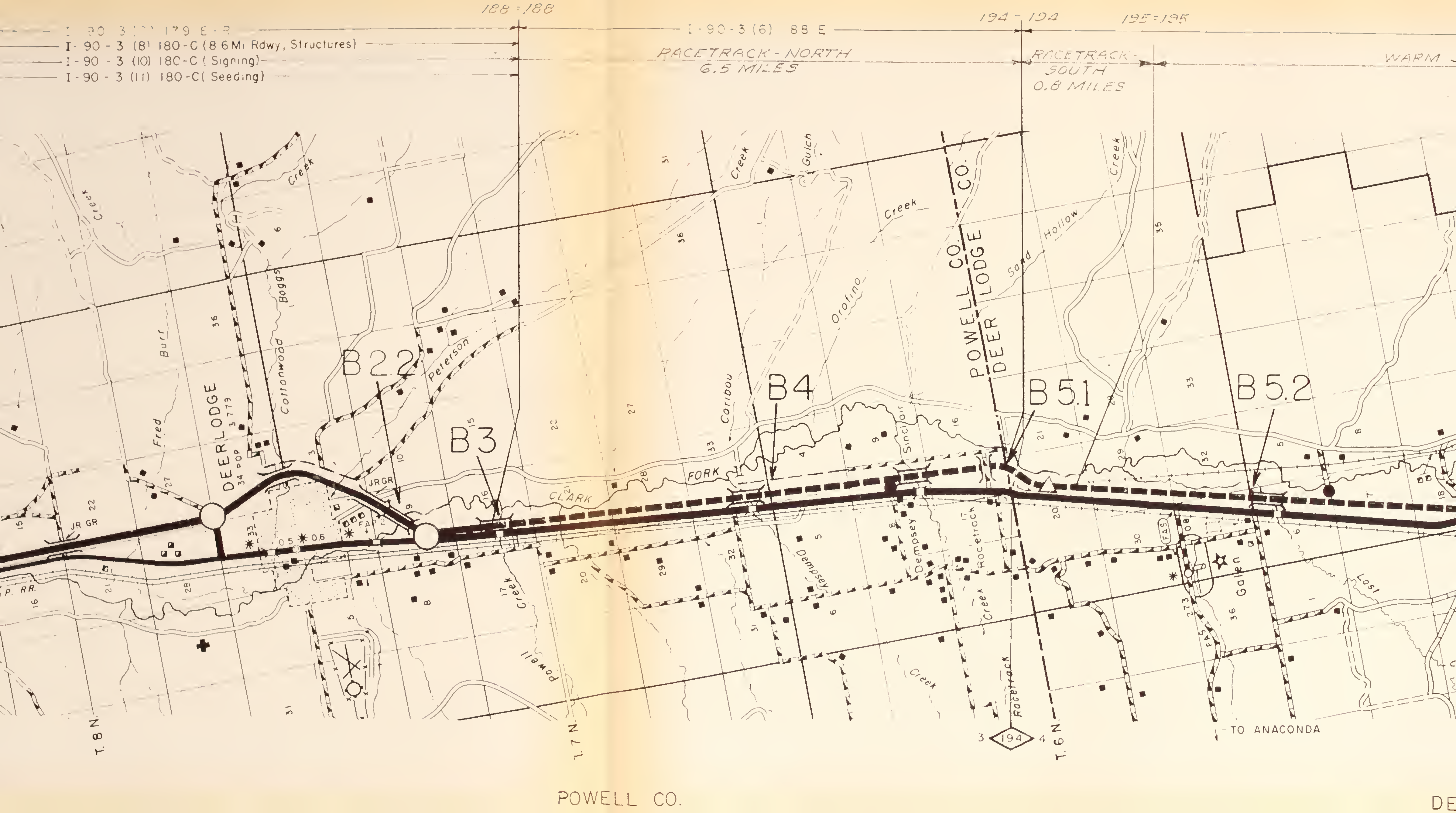
INTERSTATE ROUTE 90

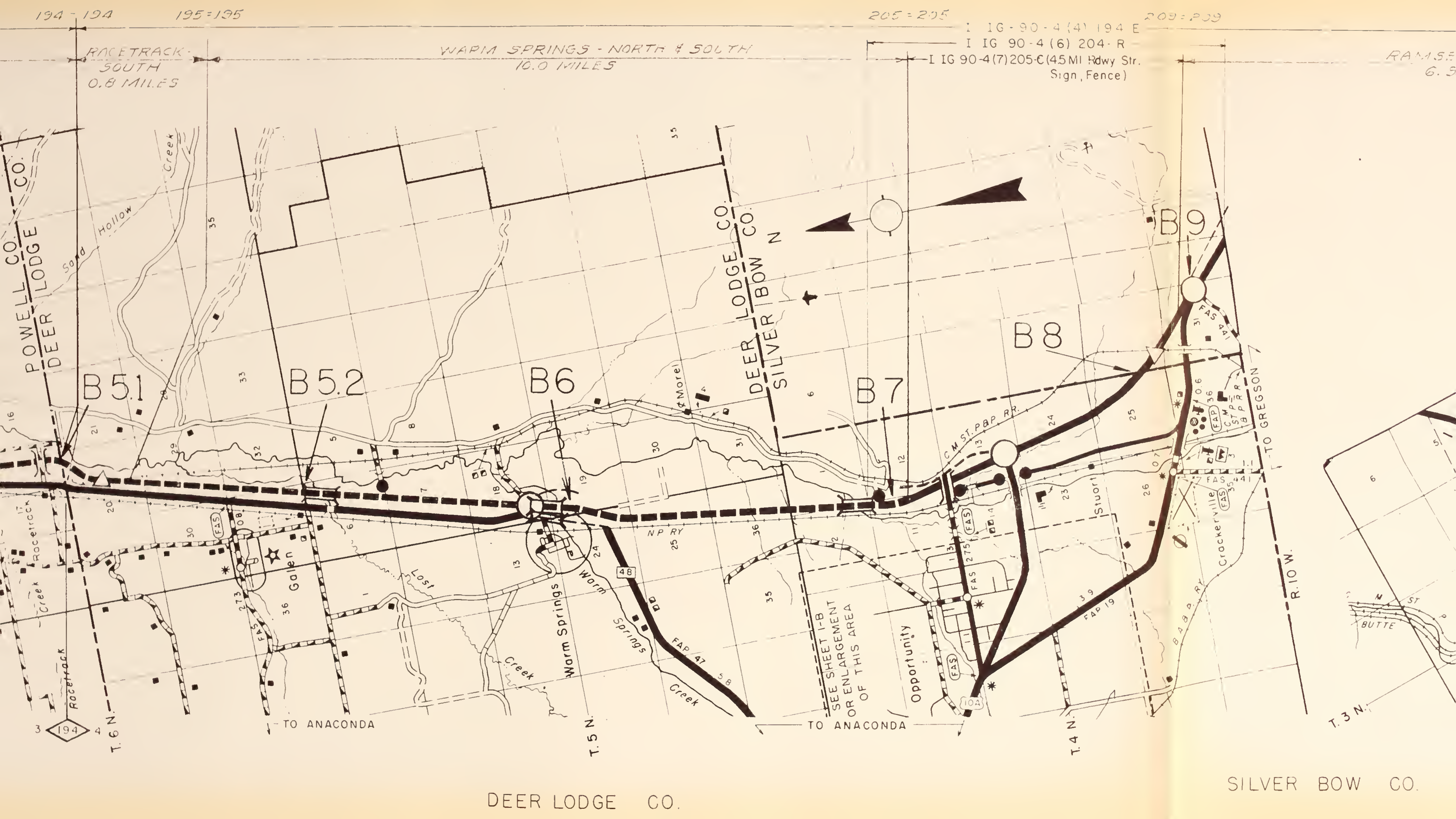
Sheet 3 **of** 11

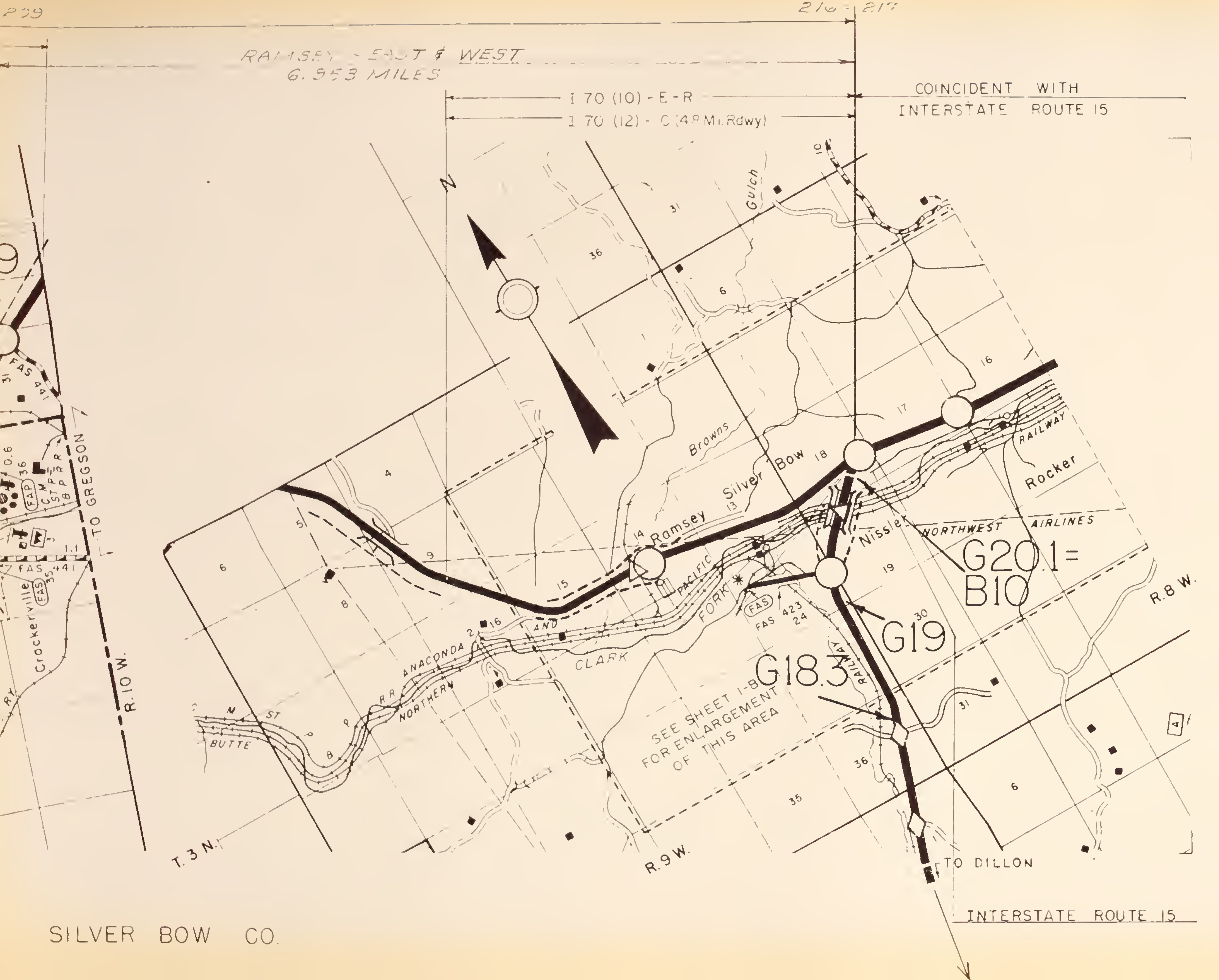
Date January 1, 1964



172 172
I-IG-90-3 (7) 168-E
179=180
I-90-3 (9) 179 E-R
188=188
GOLD CREEK - EAST
5.9 MILES
GARRISON - EAST & WEST
6.9 MILES
I-90-3 (8) 180-C (8.6 Mi Rdwy, Structures)
I-90-3 (10) 180-C (Signing)
I-90-3 (11) 180-C (Seeding)
TO HELENA
FAS
FAP 8
N.P. RY.
FAS 507
R. 9 W
B 2.1
Clark Gulch
Garrison
CLARK FORK
N.P. RY.
B1
A 38
C.M. ST. P. & P. RR.
Phosphate
Independence
Rock Creek
Warm Springs Creek
R. 10 W
T. 9 N.
N
B 2.1
JR GR
Kohrs
C.M. ST. P. & P. RR.
Freeze Out Creek
Fred Burr
DEER LODGE
POP 3779
Cottonwood
Boggs
Creek
B 2.2
Peterson
B3
FAP 2
T. 8 N.
0.5
0.6


188=188
194 = 194
195=195
I-90-3(?) 179 E-?
I-90-3 (8) 180-C (8.6 Mi Rdwy, Structures)
I-90-3 (10) 180-C (Signing)
I-90-3 (11) 180-C (Seeding)
I-90-3(6) 88 E
RACETRACK - NORTH 6.5 MILES
RACETRACK - SOUTH 0.8 MILES
WARM
B2.2
B3
B4
B5.1
B5.2
DEERLODGE
34 POP 3,779
POWELL CO.
DEER LODGE CO.
CLARK FORK
Cottonwood
Boggs
Creek
Burr
Fred
Peterson
Caribou
Gulch
Orofino
Sinclair
Sand Hollow
Dempsey
Racetrack
Creek
Powell
Galen
Lost
JR GR
FAP
FAS
P. RR.
0.5
0.6
2.73
0.8
T. 8 N.
T. 7 N.
T. 6 N.
194
TO ANACONDA
POWELL CO.
DE


194 - 194
195 = 195
205 = 205
209 = 209
RACETRACK - SOUTH
0.8 MILES
WARM SPRINGS - NORTH & SOUTH
10.0 MILES
I IG - 90 - 4 (4) 194 E
I IG 90 - 4 (6) 204 - R
I IG 90-4(7)205-C(4.5 MI Rdwy Str. Sign, Fence)
RAMSE
6. 9
POWELL CO.
DEER LODGE CO.
DEER LODGE CO.
SILVER BOW CO.
N
B5.1
B5.2
B6
B7
B8
B9
Sand Hollow
Creek
Racetrack
Racetrack Creek
Galen
Warm Springs
Warm Springs Creek
Lost Creek
Morel
Opportunity
Stuart
Crackerville
NP RY
C M ST. P & P RR.
B A & P RY
FAS
FAS 273
FAS 275
FAS 441
FAP 47
FAP 19
FAP 36
48
10A
194
SEE SHEET I-B OR ENLARGEMENT OF THIS AREA
TO ANACONDA
TO ANACONDA
TO GREGSON
BUTTE
T. 6 N.
T. 5 N.
T. 4 N.
T. 3 N.
R. 10 W.
DEER LODGE CO.
SILVER BOW CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 2 — ROUTE SECTIONS

SCALE IN MILES

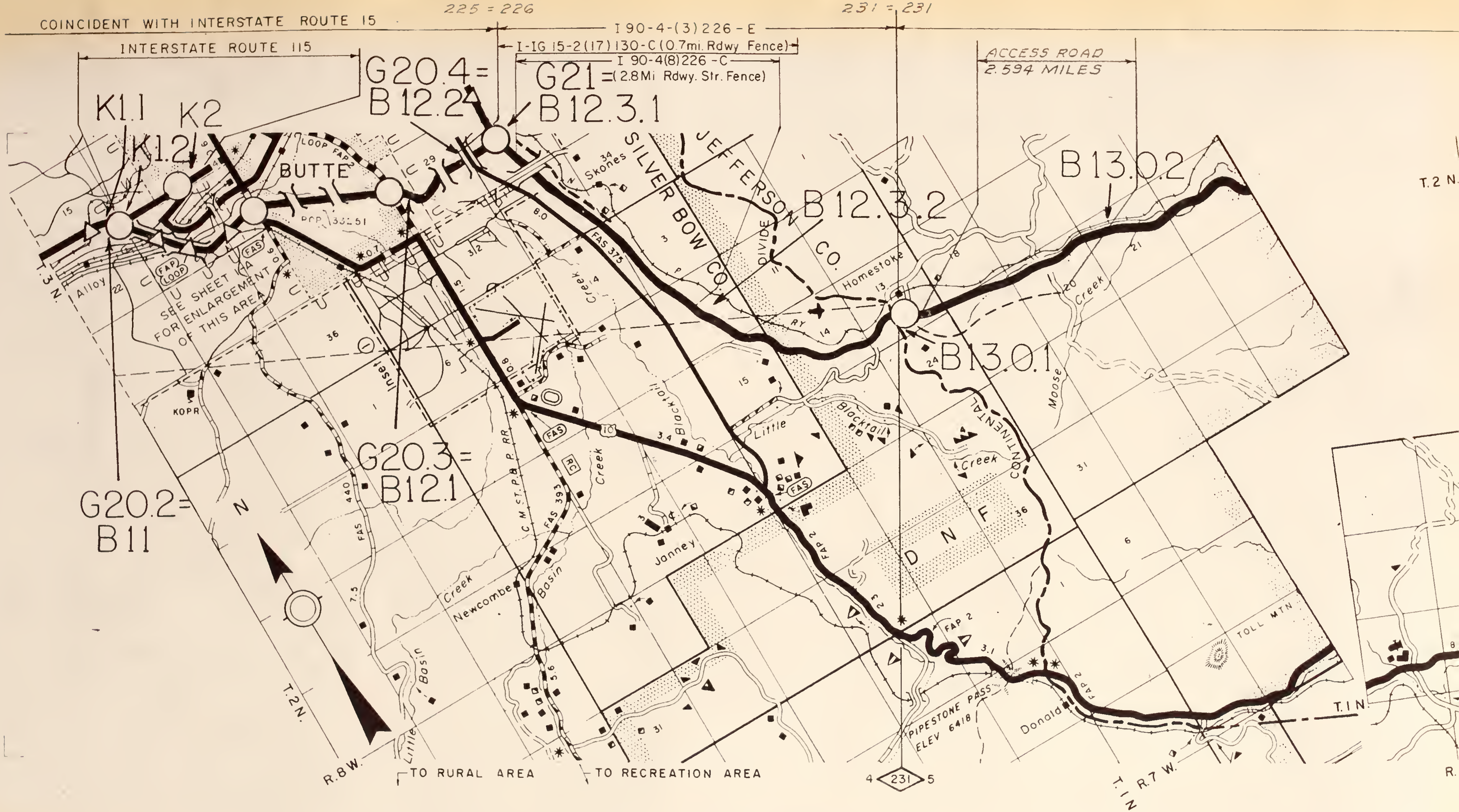
0 1 2 3 4

MONTANA

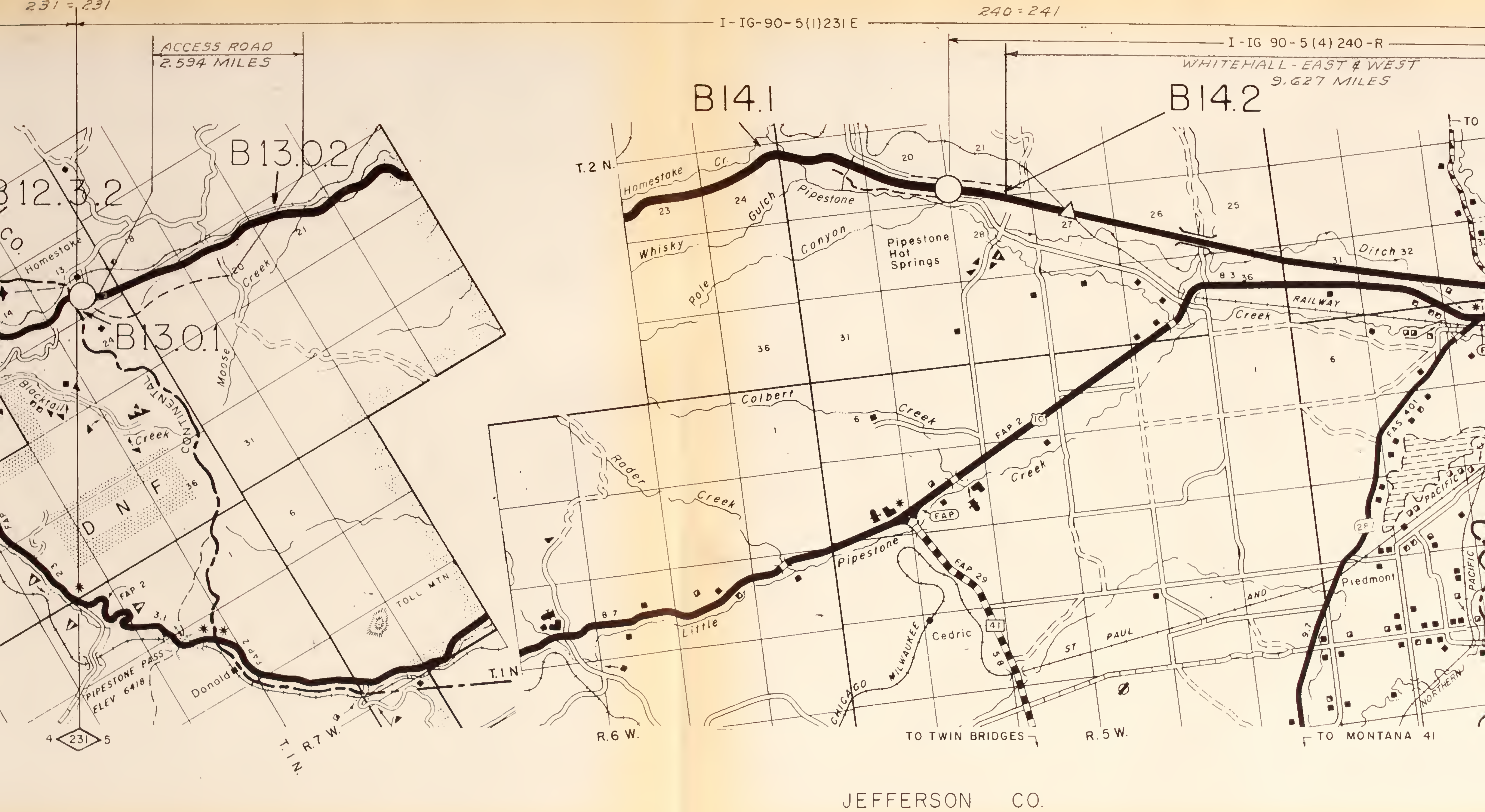
INTERSTATE ROUTE 90

Sheet 4 of 11

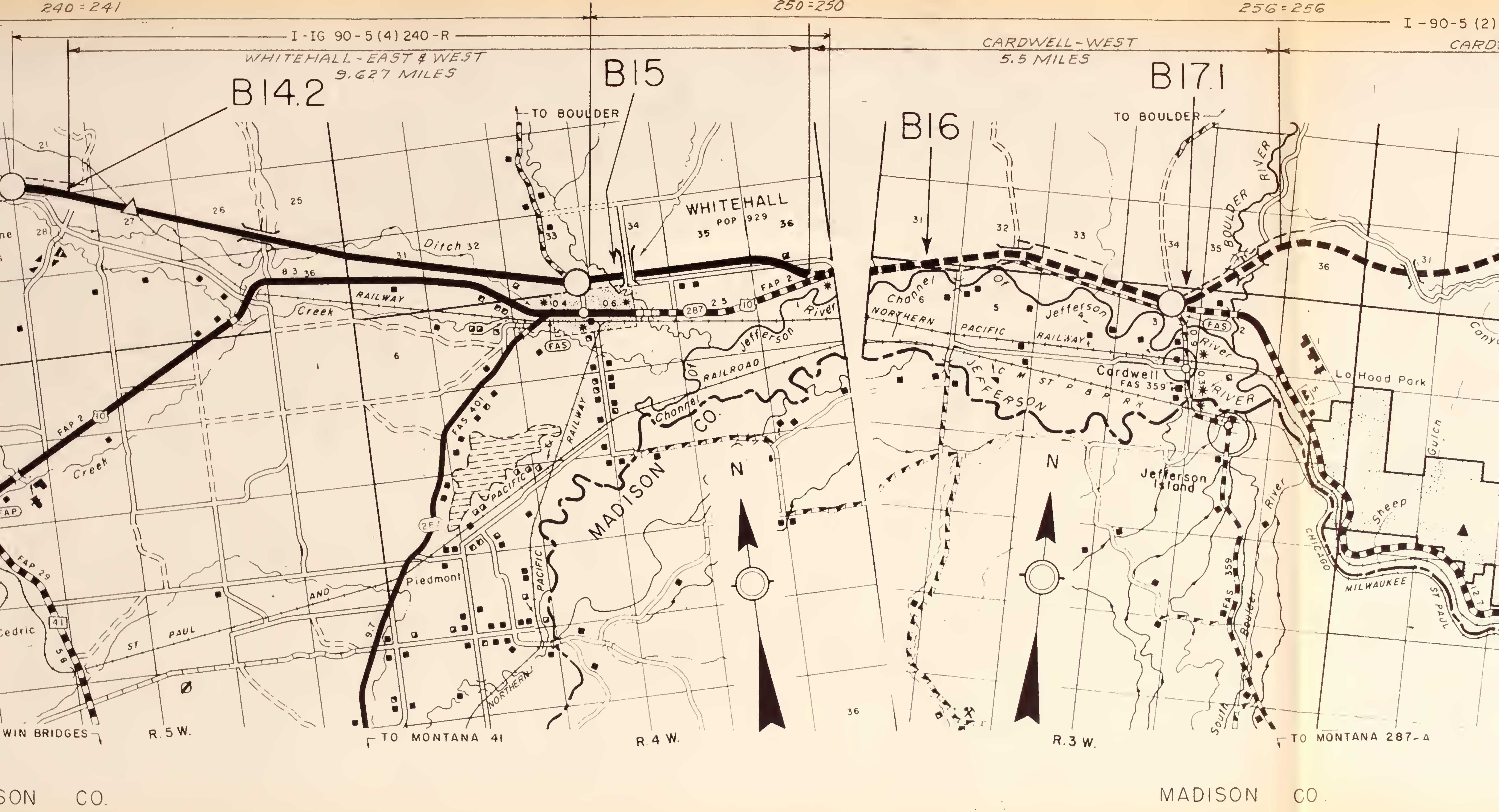
Date January 1, 1964



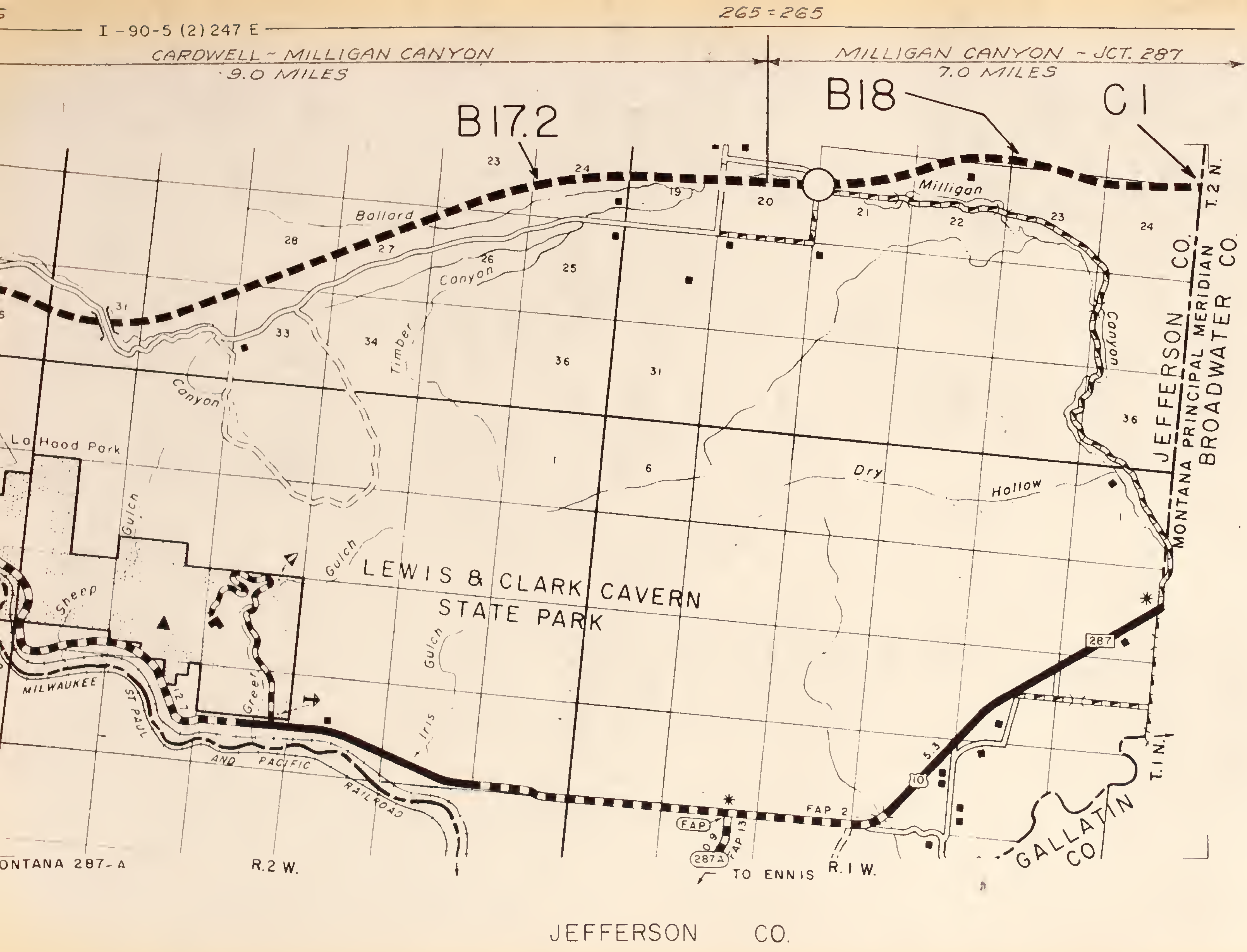
SILVER BOW CO.



231 = 231
I-IG-90-5(1)231 E
240 = 241
I-IG 90-5(4) 240-R
ACCESS ROAD
2.594 MILES
WHITEHALL - EAST & WEST
9.627 MILES
B14.1
B14.2
B13.0.2
B12.3.2
B13.0.1
TO
T.2 N.
Homestake Cr.
Pipestone
Gulch
Whisky
Pole
Canyon
Pipestone Hot Springs
Ditch
RAILWAY
Creek
Homestake
Moose
Creek
Blacktail
Creek
CONTINENTAL
D N F
Colbert
Creek
Rader
Creek
FAP 2
10
FAP
FAP 29
41
Pipestone
Little
Cedric
CHICAGO MILWAUKEE
ST PAUL
AND
PACIFIC
NORTHERN
Piedmont
FAS 401
287
TOLL MTN
PIPESTONE PASS
ELEV 6418
Donald
T.1 N.
R.7 W.
R.6 W.
R.5 W.
TO TWIN BRIDGES
TO MONTANA 41
231
JEFFERSON CO.



240=241
250=250
256=256
I-IG 90-5(4) 240-R
I-90-5 (2)
WHITEHALL-EAST & WEST
9.627 MILES
CARDWELL-WEST
5.5 MILES
B14.2
B15
B16
B17.1
TO BOULDER
TO BOULDER
WHITEHALL
POP 929
Ditch
Creek
RAILWAY
FAP 2
10
287
FAS
FAS 401
Jefferson
River
RAILROAD
Channel of
MADISON CO.
PACIFIC
RAILWAY
Piedmont
AND
ST
PAUL
NORTHERN
Cedric
FAP 29
41
WIN BRIDGES
R.5 W.
TO MONTANA 41
R.4 W.
N
N
NORTHERN PACIFIC RAILWAY
Channel of Jefferson
JEFFERSON
C M ST P & P RR
Cardwell
FAS 359
River
RIVER
BOULDER RIVER
Lo Hood Park
Jefferson Island
FAS 359
South Boulder River
CHICAGO
MILWAUKEE
ST PAUL
Sheep Gulch
Canyon
R.3 W.
TO MONTANA 287-A
SON CO.
MADISON CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 ◇ 2 ROUTE SECTIONS

SCALE IN MILES

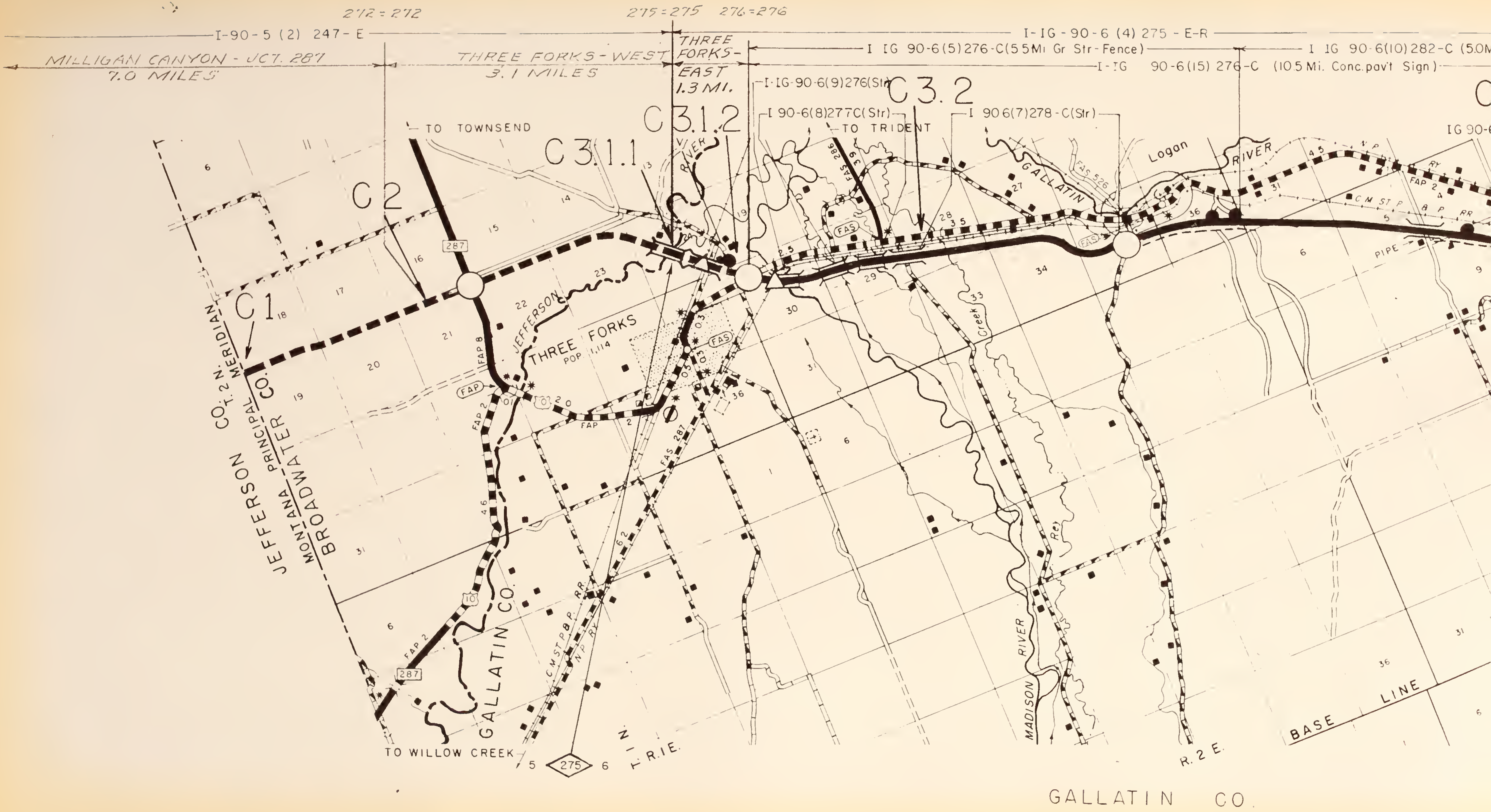
0 1 2 3 4

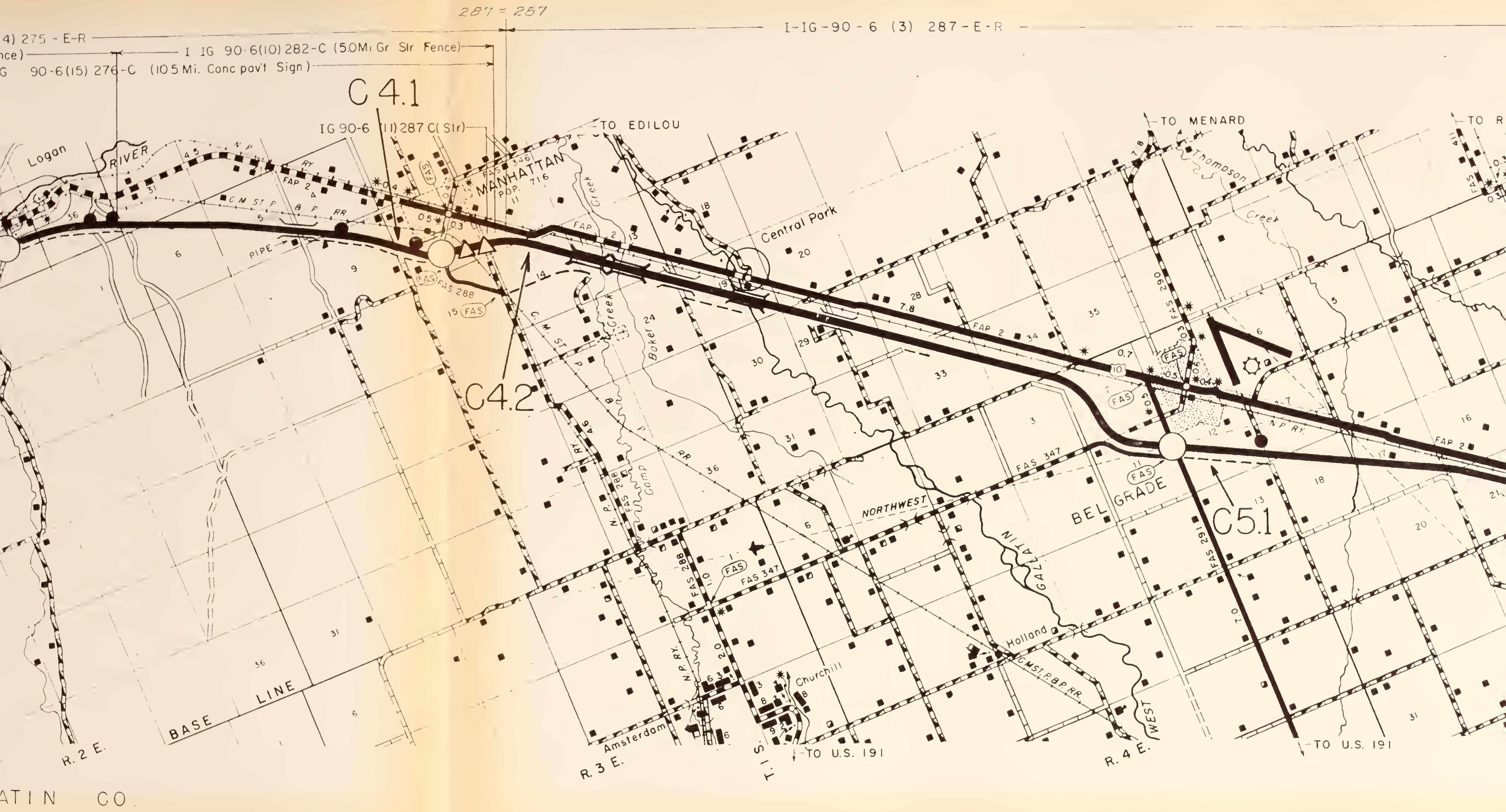
MONTANA

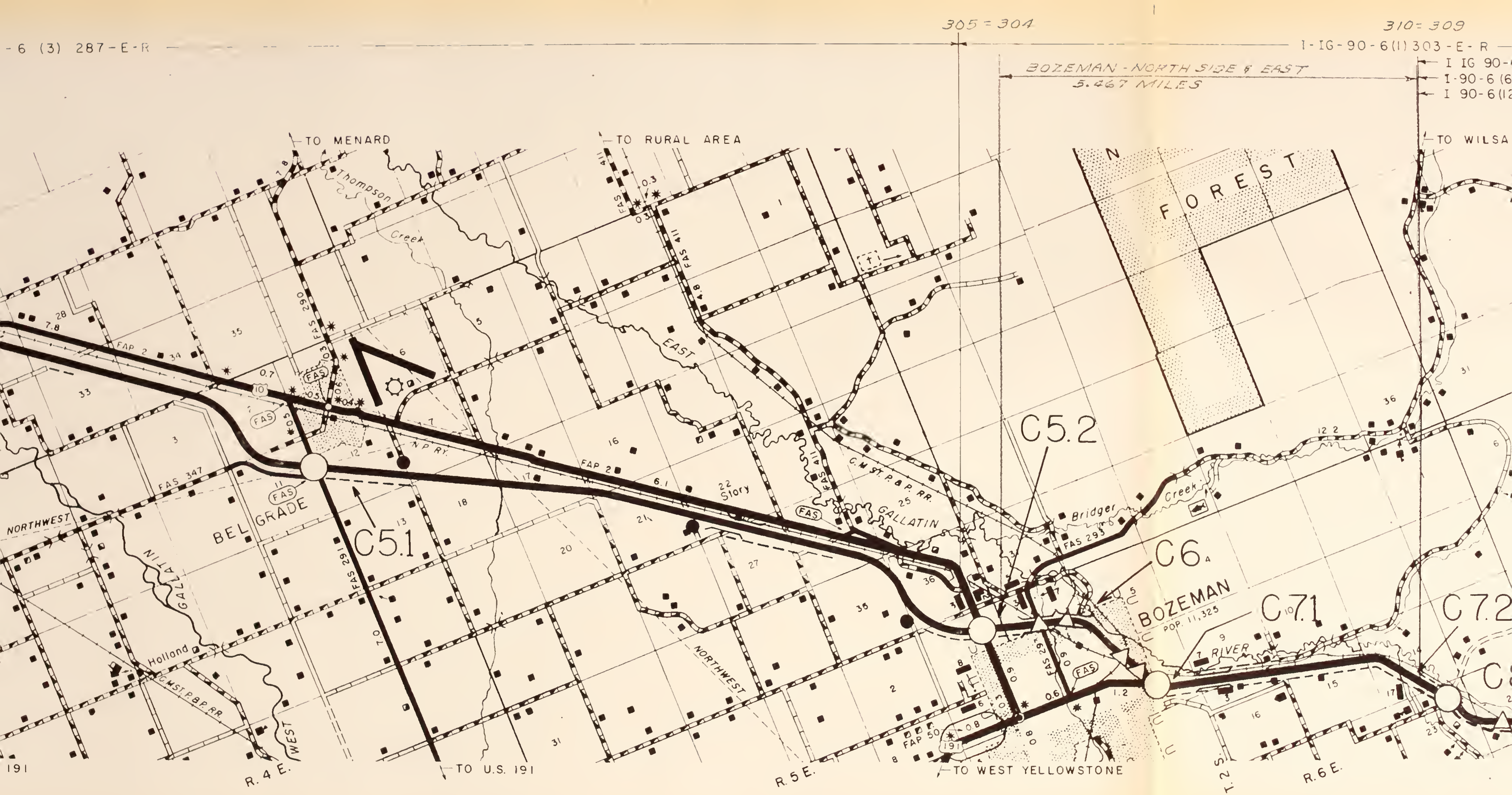
INTERSTATE ROUTE 90

Sheet 5 of 11

Date January 1, 1964

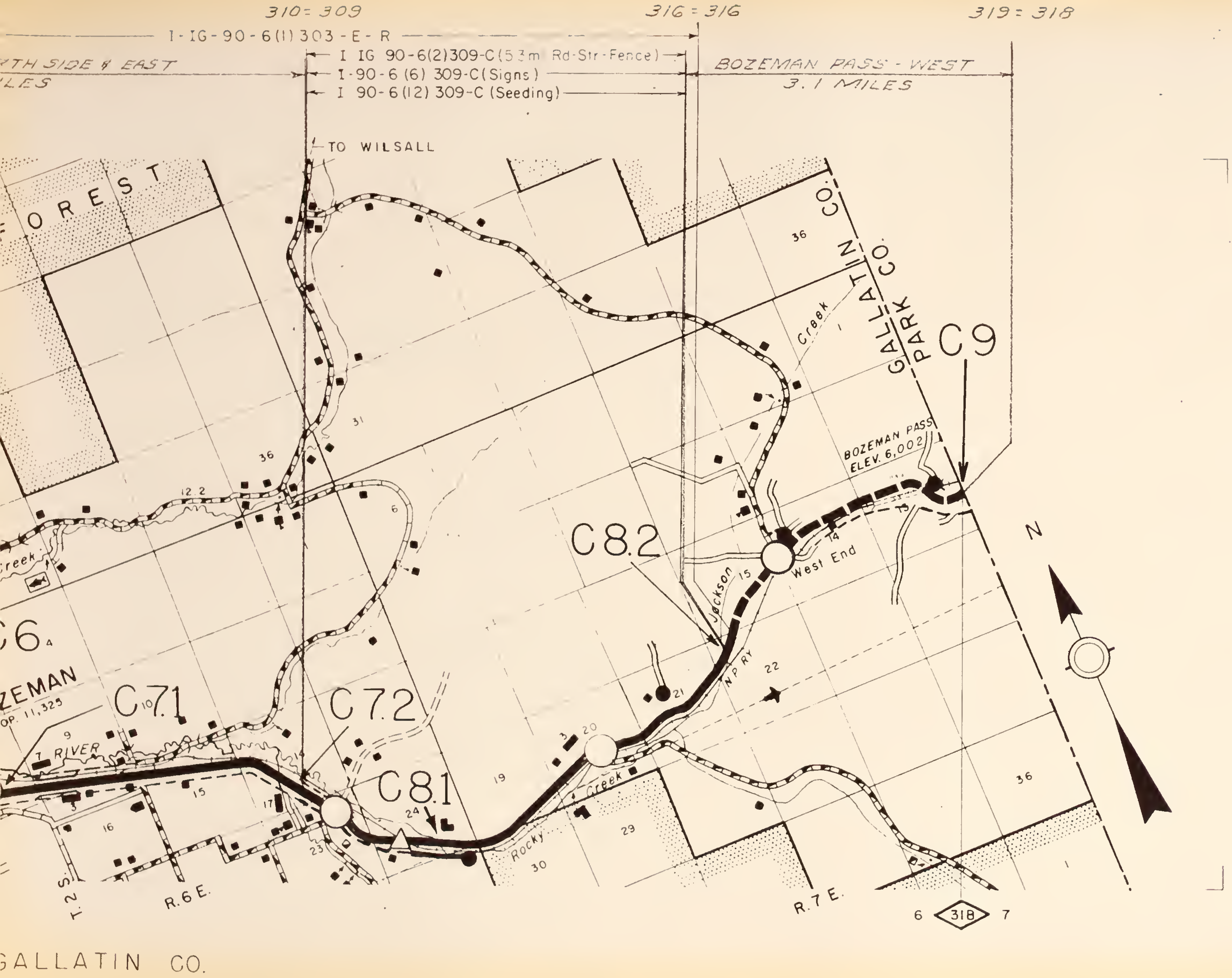

272=272
275=275
276=276
I-90-5 (2) 247-E
I-IG-90-6 (4) 275-E-R
MILLIGAN CANYON - JCT. 287
7.0 MILES
THREE FORKS-WEST
3.1 MILES
THREE FORKS-EAST
1.3 MI.
I IG 90-6(5)276-C(5.5Mi Gr Str-Fence)
I IG 90-6(10)282-C (5.0M
I-IG 90-6(15) 276-C (10.5 Mi. Conc. pav't Sign)
I-IG-90-6(9)276(Str)
I 90-6(8)277C(Str)
I 90 6(7)278-C(Str)
IG 90-
C3.2
C3.1.2
C3.1.1
C2
C1
TO TOWNSEND
TO TRIDENT
TO WILLOW CREEK
THREE FORKS
POP. 1,114
JEFFERSON
RIVER
GALLATIN
Logan
RIVER
MADISON RIVER
Creek
FAS 286
FAS 526
FAS 287
FAS
FAP 2
FAP 8
FAP
287
10
275
C M ST P & P RR
N P RY
PIPE
JEFFERSON CO.
BROADWATER CO.
MONTANA PRINCIPAL MERIDIAN
T. 2 N.
T. 1 N.
R. 1 E.
R. 2 E.
BASE LINE
GALLATIN CO.

287 = 257
4) 275 - E-R
nce)
I IG 90-6(10) 282-C (5.0 Mi Gr Slr Fence)
G 90-6(15) 276-C (10.5 Mi. Conc pav't Sign)
I-IG-90-6 (3) 287-E-R
C 4.1
IG 90-6 (11) 287 C(Slr)
TO EDILOU
TO MENARD
TO R
Logan
RIVER
N P RY
FAP 2
C M ST P & P RR
PIPE
FAS
FAS 346
MANHATTAN
POP. 716
Creek
Central Park
FAP 2
FAS 288
FAS
C.M. ST. P. & P. RR
C4.2
Baker
Creek
Camp
N. P. RY.
FAS 288
FAS 347
NORTHWEST
Thompson
Creek
FAS 290
FAS 103
FAS
10
N P RY.
FAP 2
BELGRADE
FAS
C5.1
FAS 291
GALLATIN
WEST
Holland
C.M.ST.P.&P.RR.
Churchill
Amsterdam
BASE LINE
R. 2 E.
R. 3 E.
R. 4 E.
T. 1 S.
TO U.S. 191
TO U.S. 191
ATIN CO.



-6 (3) 287-E-R
305 = 304
310 = 309
I-IG-90-6(1) 303-E-R
I IG 90-
I-90-6(6
I 90-6(12
BOZEMAN - NORTH SIDE & EAST
5.467 MILES
TO MENARD
TO RURAL AREA
TO WILSA
FOREST
N
Thompson
Creek
EAST
FAS 411
FAS 290
FAS 103
FAS 347
FAS 291
FAS 293
FAS 29
FAP 2
FAP 50
FAS
10
191
N.P. RY.
C.M.ST.P.&P. RR.
C5.1
C5.2
C6
C7.1
C7.2
BELGRADE
Story
GALLATIN
Bridger
Creek
BOZEMAN
POP. 11,325
RIVER
NORTHWEST
Holland
WEST
TO U.S. 191
TO WEST YELLOWSTONE
R. 4 E.
R. 5 E.
R. 6 E.
T. 2 S.

GALLATIN CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 2 — ROUTE SECTIONS

SCALE IN MILES

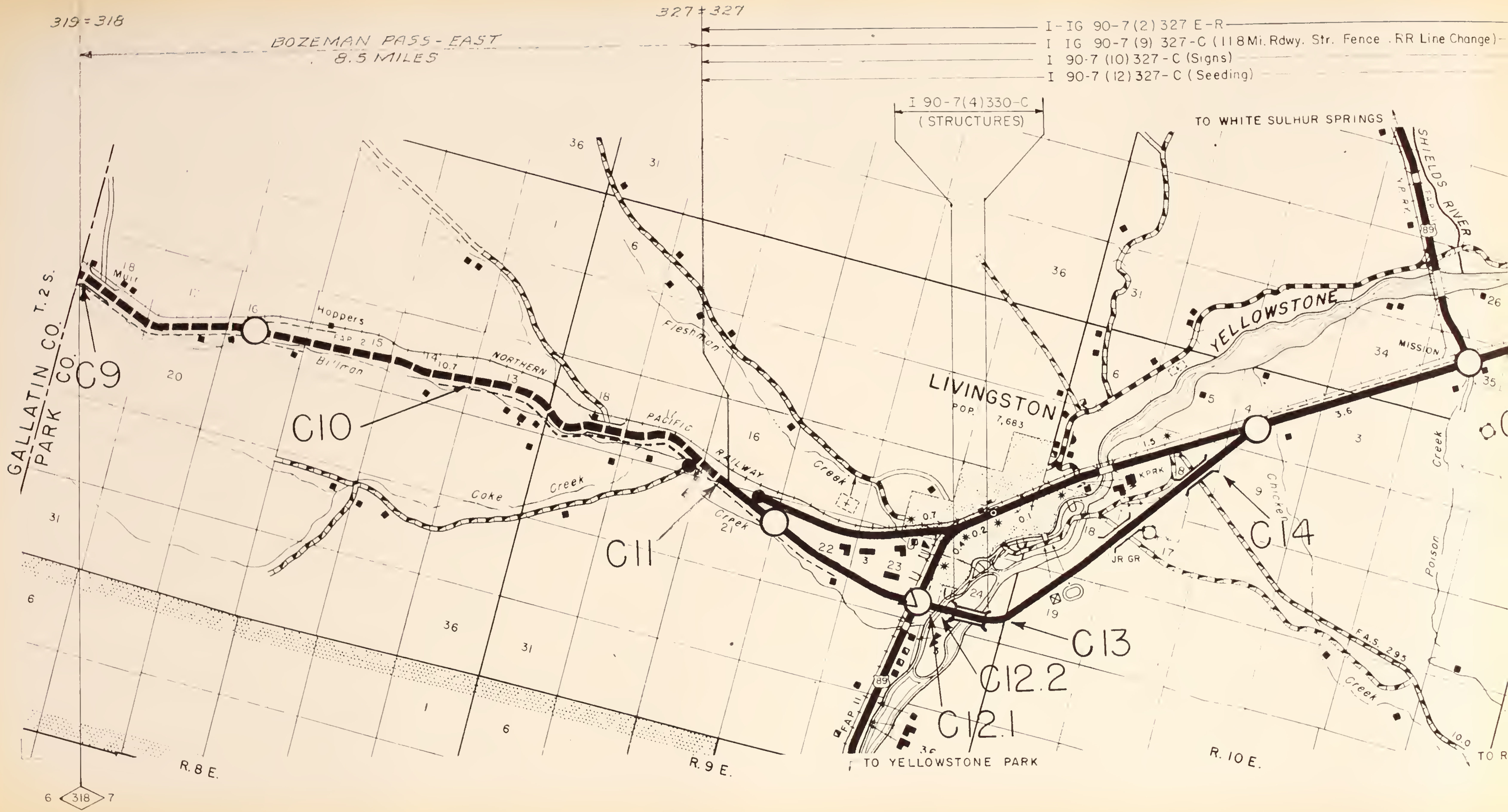
0 1 2 3 4

MONTANA

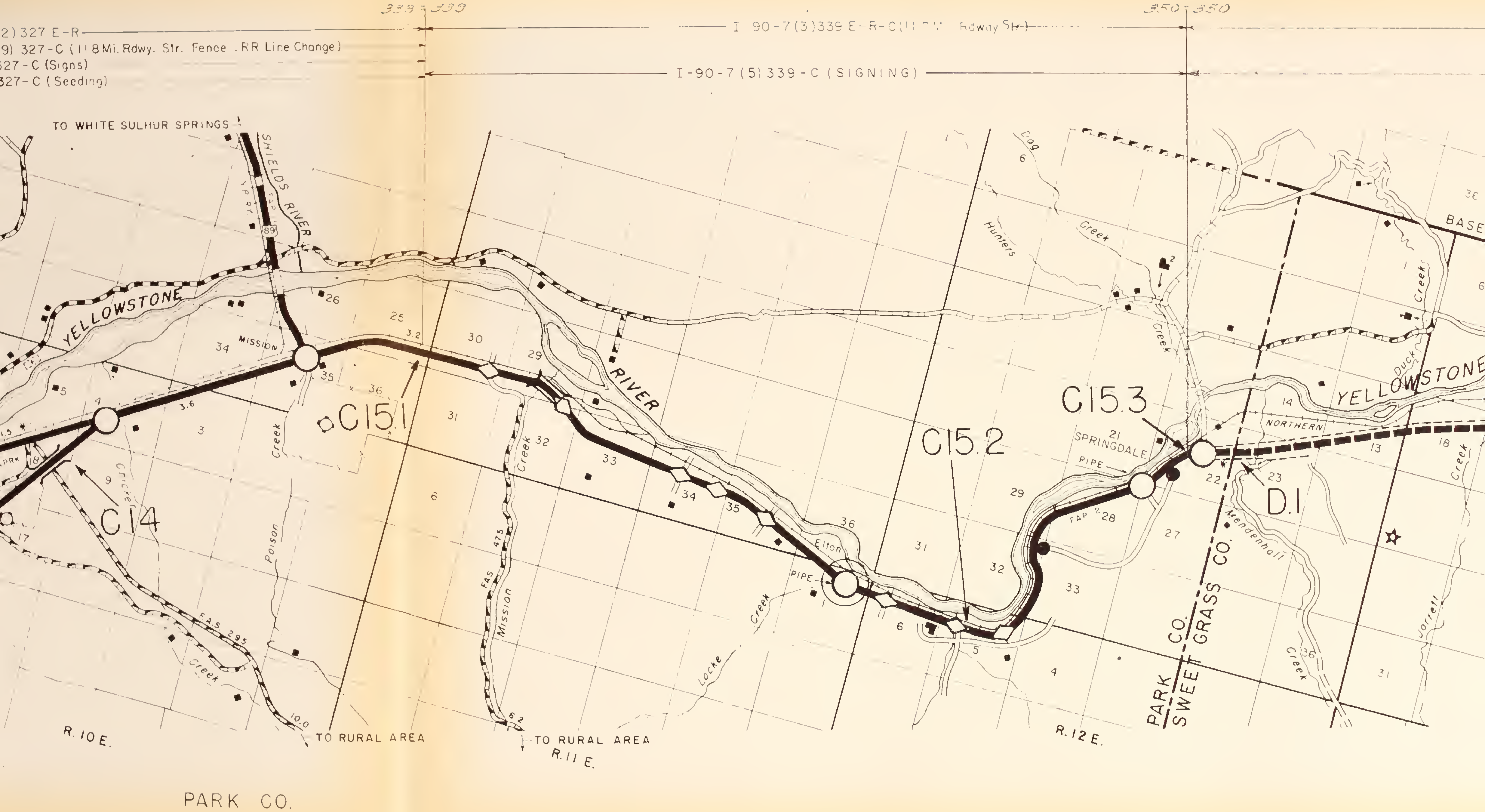
INTERSTATE ROUTE 90

Sheet 6 of 11

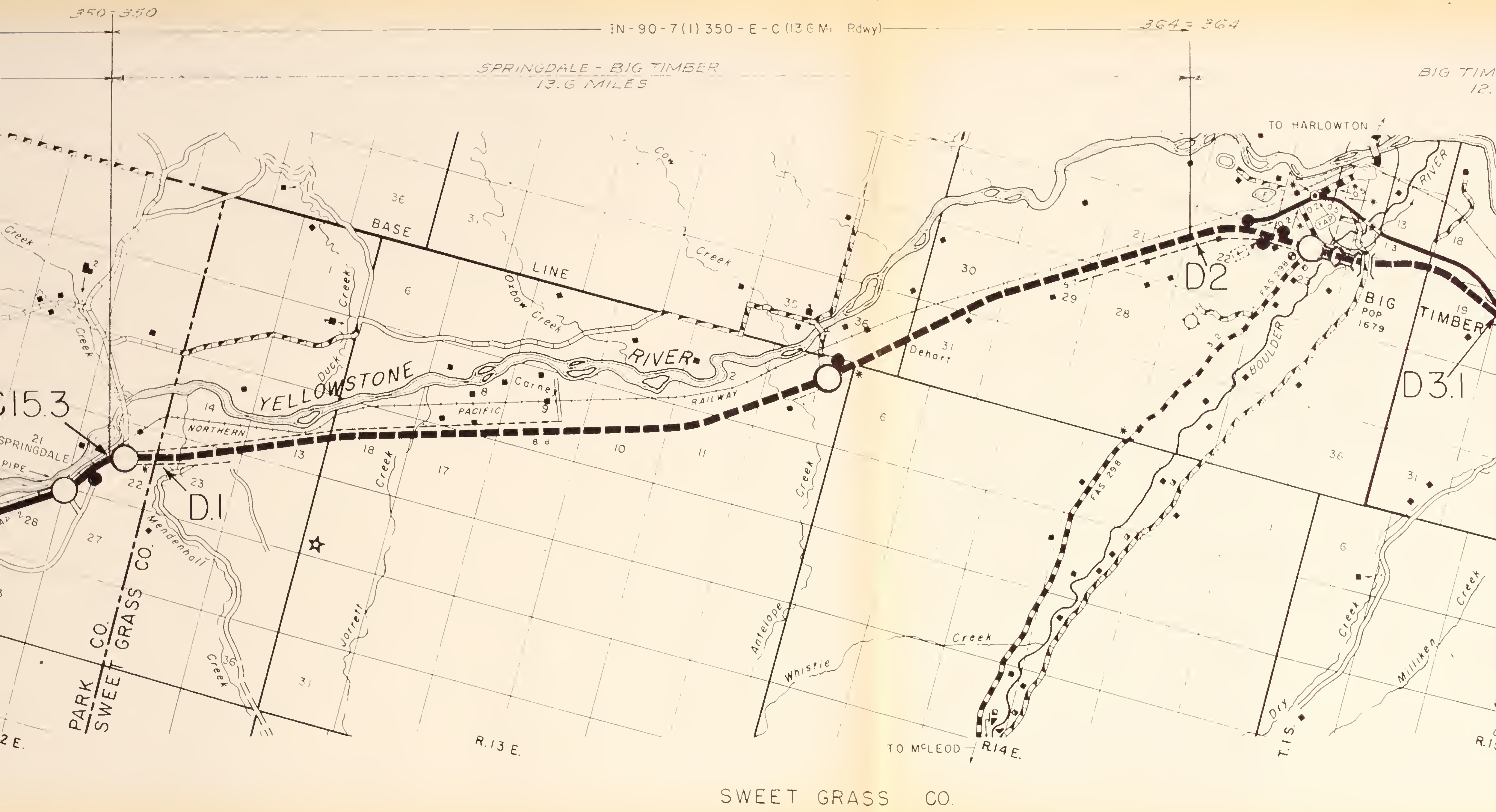
Date January 1, 1964


319=318
327+327
BOZEMAN PASS - EAST
8.5 MILES
I-IG 90-7(2) 327 E-R
I IG 90-7 (9) 327-C (11.8 Mi. Rdwy. Str. Fence . RR Line Change)
I 90-7 (10) 327-C (Signs)
I 90-7 (12) 327-C (Seeding)
I 90-7(4)330-C
(STRUCTURES)
TO WHITE SULHUR SPRINGS
SHIELDS RIVER
YELLOWSTONE
MISSION
LIVINGSTON
POP. 7,683
GALLATIN CO.
PARK CO.
T. 2 S.
Muir
Hoppers
F.A.P. 2 15
Billman
NORTHERN
PACIFIC
RAILWAY
Fleshman
Creek
Coke
Creek
Chicken
Creek
Poison
Creek
F.A.S. 295
F.A.P. 11
89
KPRK
JR GR
C9
C10
C11
C12.1
C12.2
C13
C14
10.7
0.7
0.4
0.2
0.1
1.5
3.6
10.0
R. 8 E.
R. 9 E.
R. 10 E.
TO YELLOWSTONE PARK
TO R
6 318 7

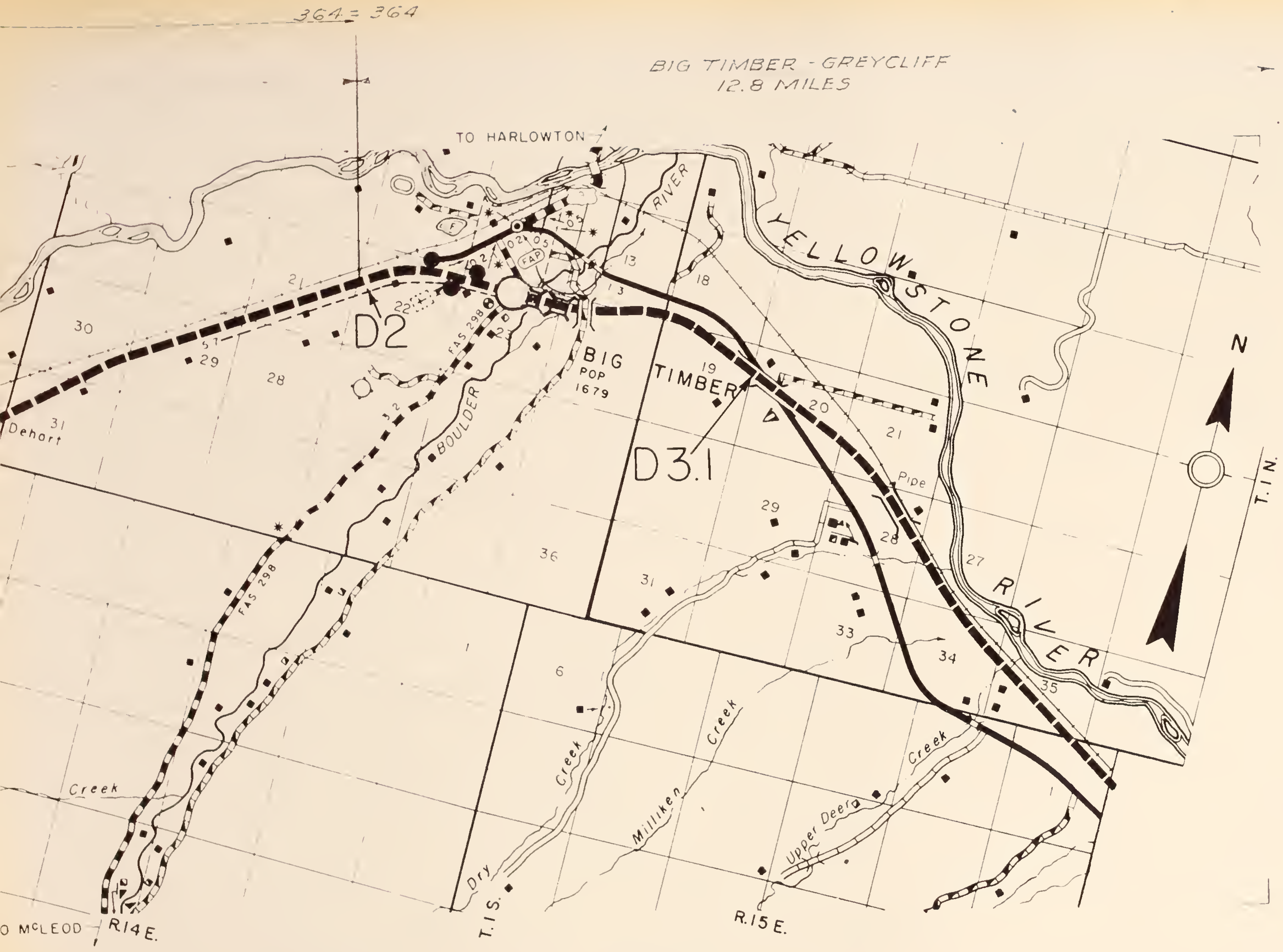
PARK CO.

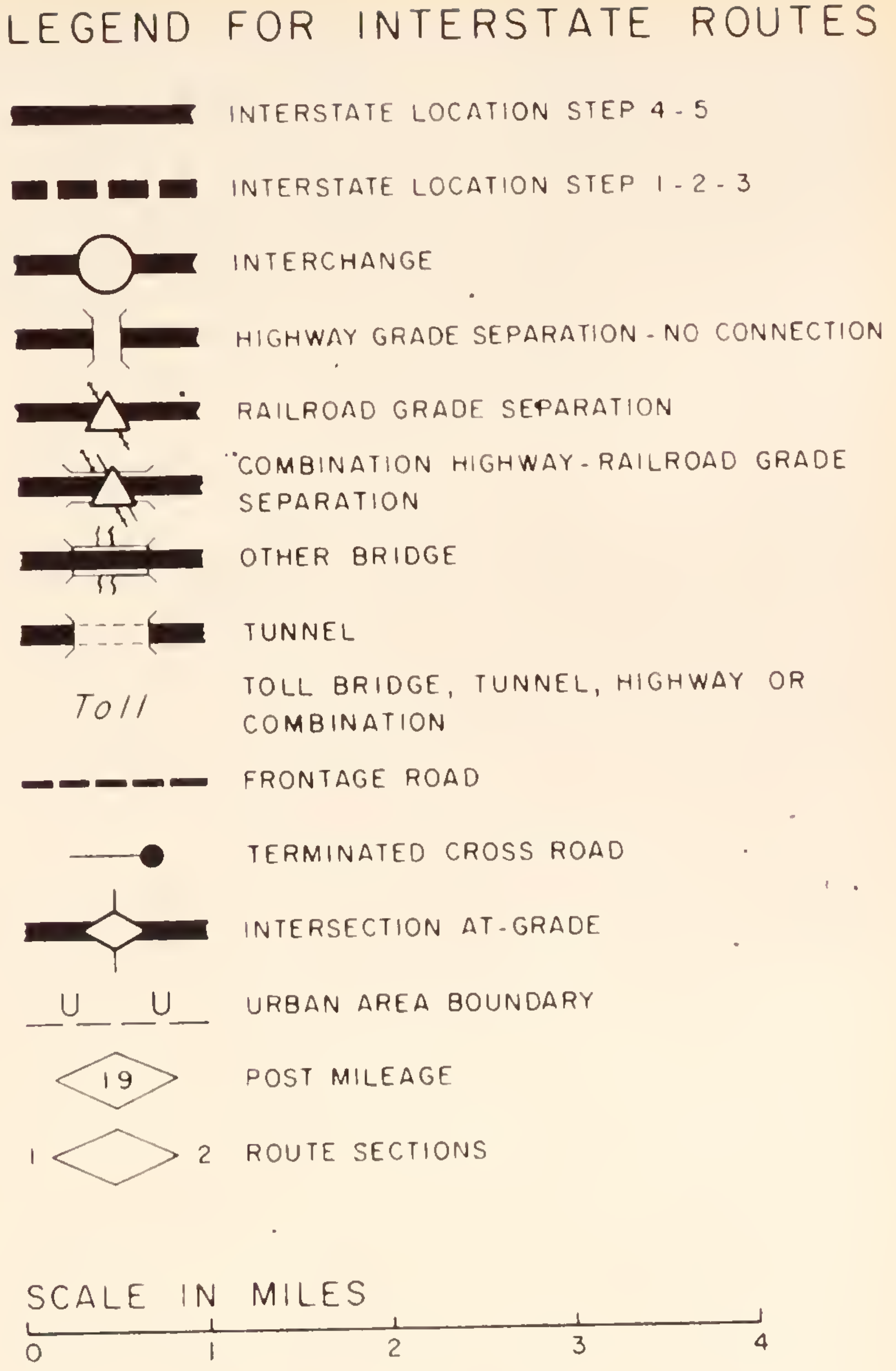


2) 327 E-R
9) 327-C (11.8 Mi. Rdwy. Str. Fence . RR Line Change)
527-C (Signs)
327-C (Seeding)
339 = 339
I-90-7(3)339 E-R-C(Rdway Str.)
I-90-7(5)339-C (SIGNING)
350 = 350
TO WHITE SULHUR SPRINGS
SHIELDS RIVER
N.P. RY.
FAP
89
YELLOWSTONE
MISSION
26
25
3.2
30
29
34
35
36
RIVER
5
4
3.6
3
C15.1
31
32
33
34
35
36
Elton
PIPE
1
6
5
4
C15.2
29
28
27
FAP 2
32
33
31
C15.3
SPRINGDALE
21
PIPE
22
23
D.1
14
13
18
NORTHERN
YELLOWSTONE
BASE
36
6
Dog
Creek
Hunters
Creek
Duck
Creek
Creek
Mendenhall
Creek
36
Jarrett
31
PARK CO.
SWEET GRASS CO.
1.3
PARK
18
9
Cricket
C14
17
F.A.S. 295
Creek
10.0
Poison
Creek
Creek
Mission
FAS 475
6.2
Creek
Locke
Creek
6
R. 10 E.
TO RURAL AREA
TO RURAL AREA
R. 11 E.
R. 12 E.
PARK CO.



350 = 350
IN-90-7(1) 350-E-C (13.6 Mi Rdwy)
364 = 364
SPRINGDALE - BIG TIMBER
13.6 MILES
BIG TIM
12.
TO HARLOWTON
BASE LINE
YELLOWSTONE RIVER
NORTHERN PACIFIC RAILWAY
C15.3
D.1
D2
D3.1
SPRINGDALE
PIPE
BIG TIMBER
POP 1679
FAS 298
FAP
BOULDER RIVER
Duck Creek
Oxbow Creek
Cow Creek
Carney
Dehart
Mendenhall Creek
Jorrett Creek
Antelope Creek
Whistle Creek
Dry Creek
Milliken Creek
PARK CO.
SWEET GRASS CO.
R.13 E.
R.14 E.
R.15
2 E.
T.1 S.
TO McLEOD
SWEET GRASS CO.




LEGEND FOR INTERSTATE ROUTES
INTERSTATE LOCATION STEP 4 - 5
INTERSTATE LOCATION STEP 1 - 2 - 3
INTERCHANGE
HIGHWAY GRADE SEPARATION - NO CONNECTION
RAILROAD GRADE SEPARATION
COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
OTHER BRIDGE
TUNNEL
Toll
TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
FRONTAGE ROAD
TERMINATED CROSS ROAD
INTERSECTION AT-GRADE
U U
URBAN AREA BOUNDARY
19
POST MILEAGE
1 2
ROUTE SECTIONS
SCALE IN MILES
0
1
2
3
4

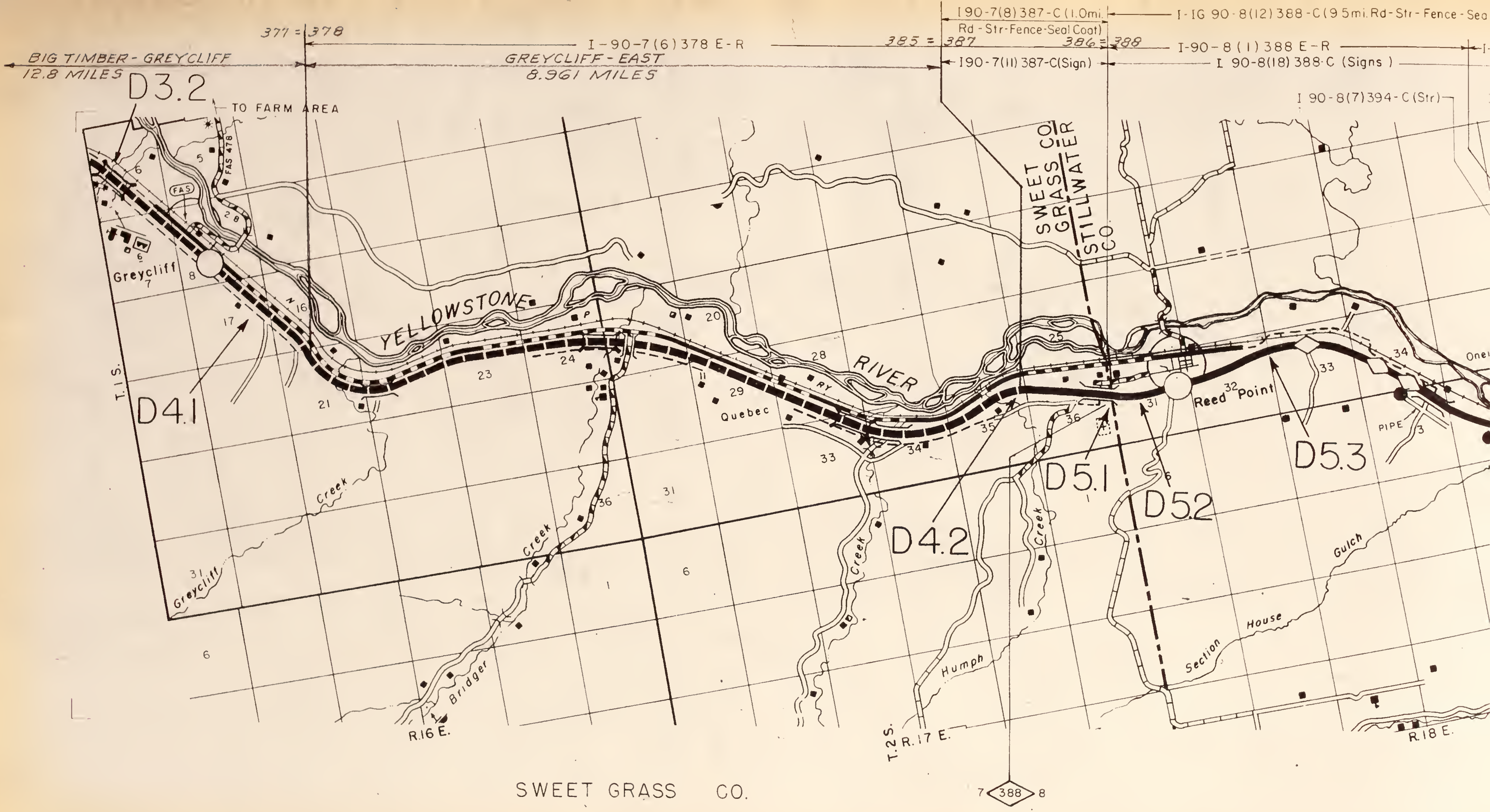
CO.

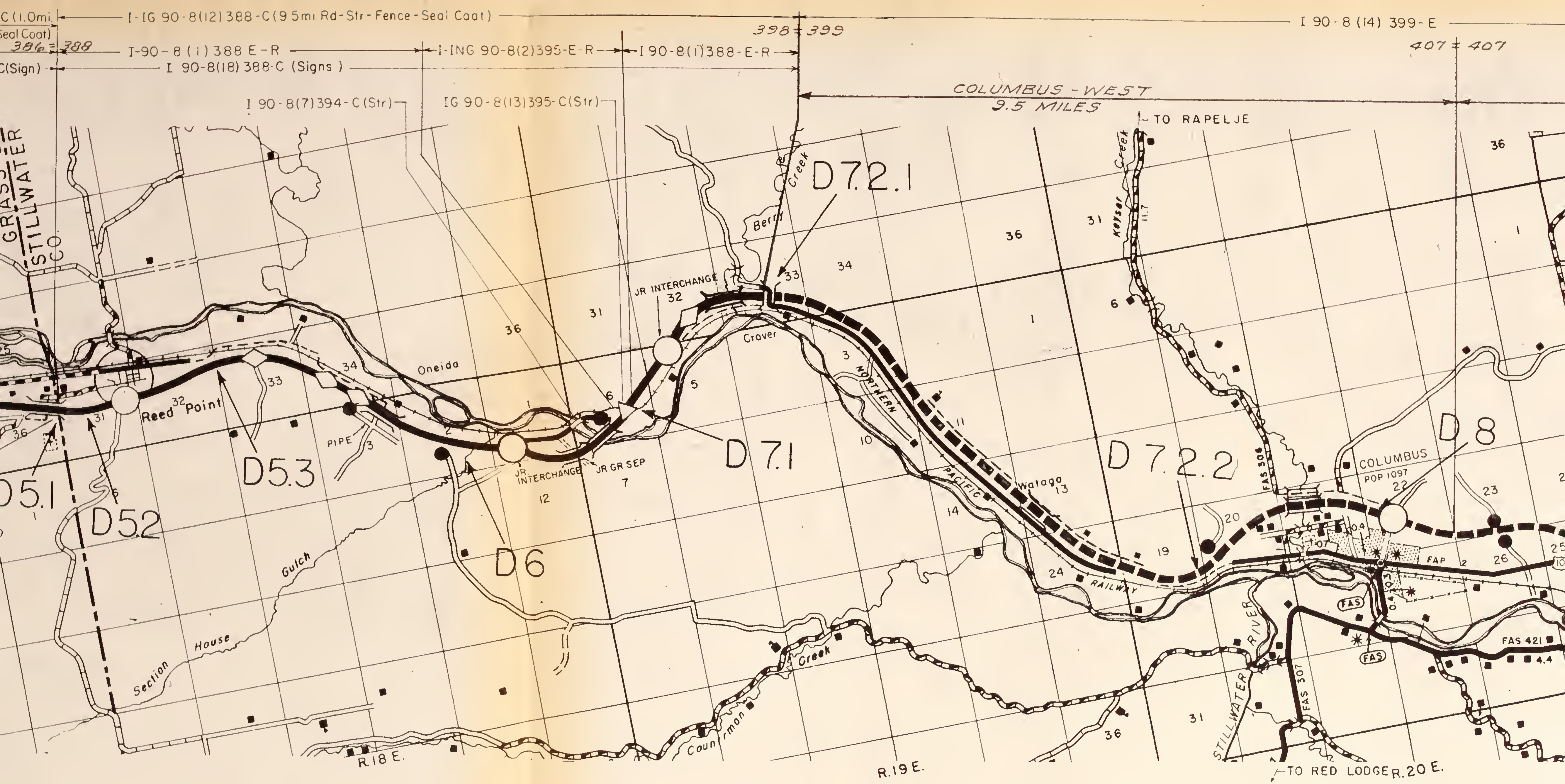
MONTANA

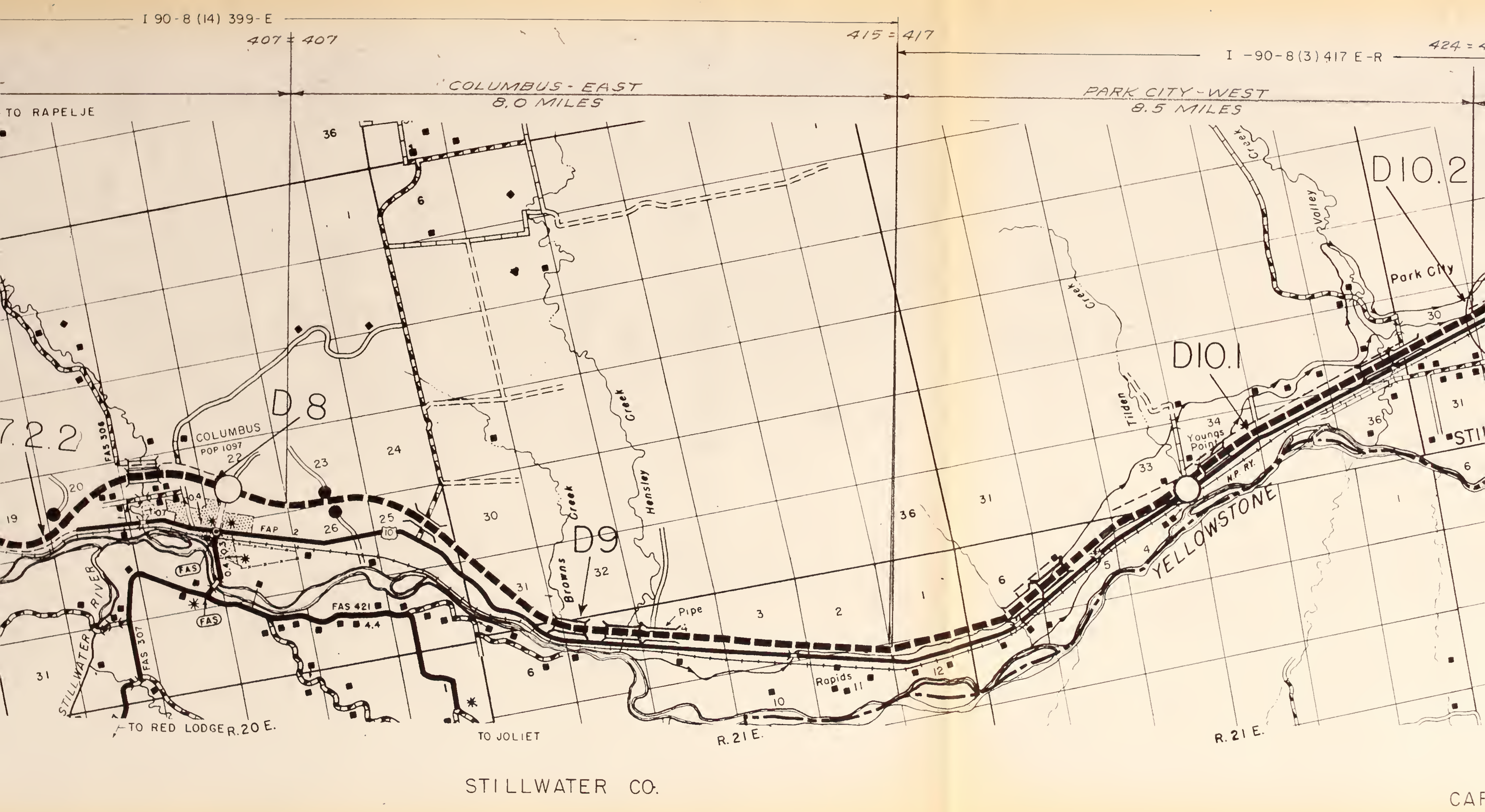
INTERSTATE ROUTE 90

Sheet 7 of 11

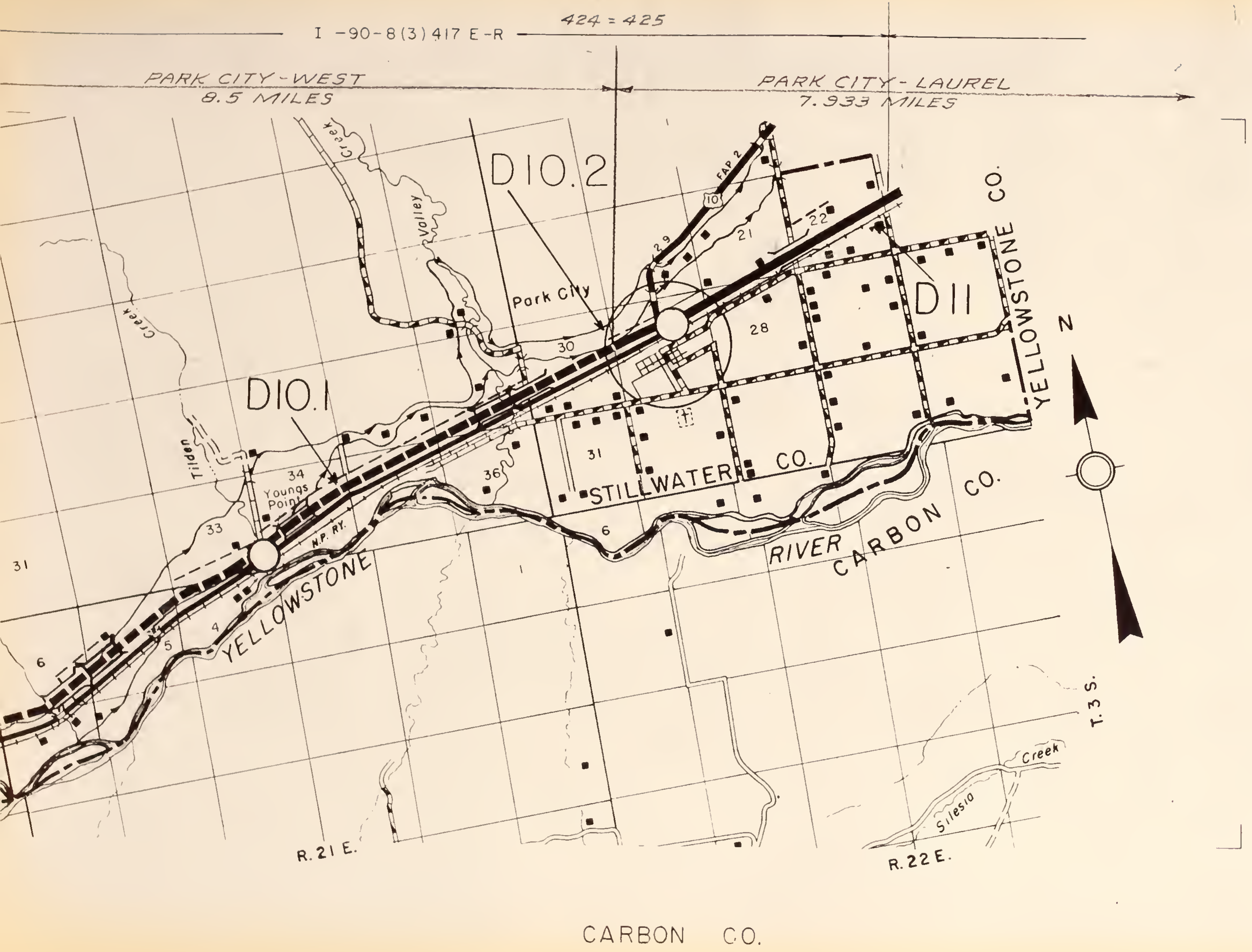
Date January 1, 1964


I90-7(8)387-C(1.0mi.
Rd-Str-Fence-Seal Coat)
I-IG 90-8(12)388-C(9.5mi.Rd-Str-Fence-Sea
377 = 378
I-90-7(6)378 E-R
385 = 387
386 = 388
I-90-8(1)388 E-R
BIG TIMBER - GREYCLIFF
12.8 MILES
GREYCLIFF - EAST
8.961 MILES
I90-7(11)387-C(Sign)
I 90-8(18)388-C (Signs)
I 90-8(7)394-C(Str)
D3.2
TO FARM AREA
FAS 478
FAS
Greycliff
T.1 S.
D4.1
YELLOWSTONE
RIVER
Quebec
SWEET GRASS CO.
STILLWATER CO.
Reed Point
Oneida
PIPE
D4.2
D5.1
D5.2
D5.3
Creek
Bridger Creek
Greycliff
Humph Creek
Section House Gulch
R.16 E.
T.2 S.
R.17 E.
R.18 E.
SWEET GRASS CO.
7 388 8


C (1.0mi.
I-IG 90-8(12)388-C(9.5mi. Rd-Str-Fence-Seal Coat)
I 90-8 (14) 399-E
Seal Coat)
398 = 399
386 = 388
I-90-8 (1) 388 E-R
I-ING 90-8(2)395-E-R
I 90-8(1)388-E-R
407 = 407
C(Sign)
I 90-8(18) 388-C (Signs)
COLUMBUS - WEST
9.5 MILES
I 90-8(7)394-C(Str)
IG 90-8(13)395-C(Str)
TO RAPELJE
SWEET GRASS
STILLWATER
CO.
Berry Creek
D7.2.1
Keyser Creek
11.7
36
31
36
34
33
31
36
1
JR INTERCHANGE
32
Craver
Oneida
34
33
3
NORTHERN
PACIFIC
RAILWAY
Watago
13
6
5
1
2
Reed 32 Point
31
PIPE
3
JR INTERCHANGE
JR GR SEP
7
12
D7.1
10
11
14
24
19
D7.2.2
D8
COLUMBUS
POP 1097
22
20
23
26
25
FAS 306
FAP 2
FAS
FAS 421
4.4
0.4
0.7
0.4
0.3
D5.1
D5.2
D5.3
D6
36
6
1
Gulch
Section House
Countryman Creek
36
31
STILLWATER RIVER
FAS 307
R.18 E.
R.19 E.
TO RED LODGE
R.20 E.



I 90-8 (14) 399-E
407 = 407
415 = 417
I -90-8 (3) 417 E-R
424 =
COLUMBUS - EAST
8.0 MILES
PARK CITY - WEST
8.5 MILES
TO RAPELJE
D8
D9
D10.1
D10.2
7.2.2
COLUMBUS
POP 1097
Park City
Youngs Point
YELLOWSTONE
N.P. RY.
STILLWATER RIVER
Browns Creek
Hensley Creek
Tilden Creek
Valley Creek
Creek
Pipe
Rapids
FAP 2
FAS 306
FAS 307
FAS 421
FAS
10
0.4
TO RED LODGE
R.20 E.
TO JOLIET
R.21 E.
R.21 E.
STILLWATER CO.
CAR



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

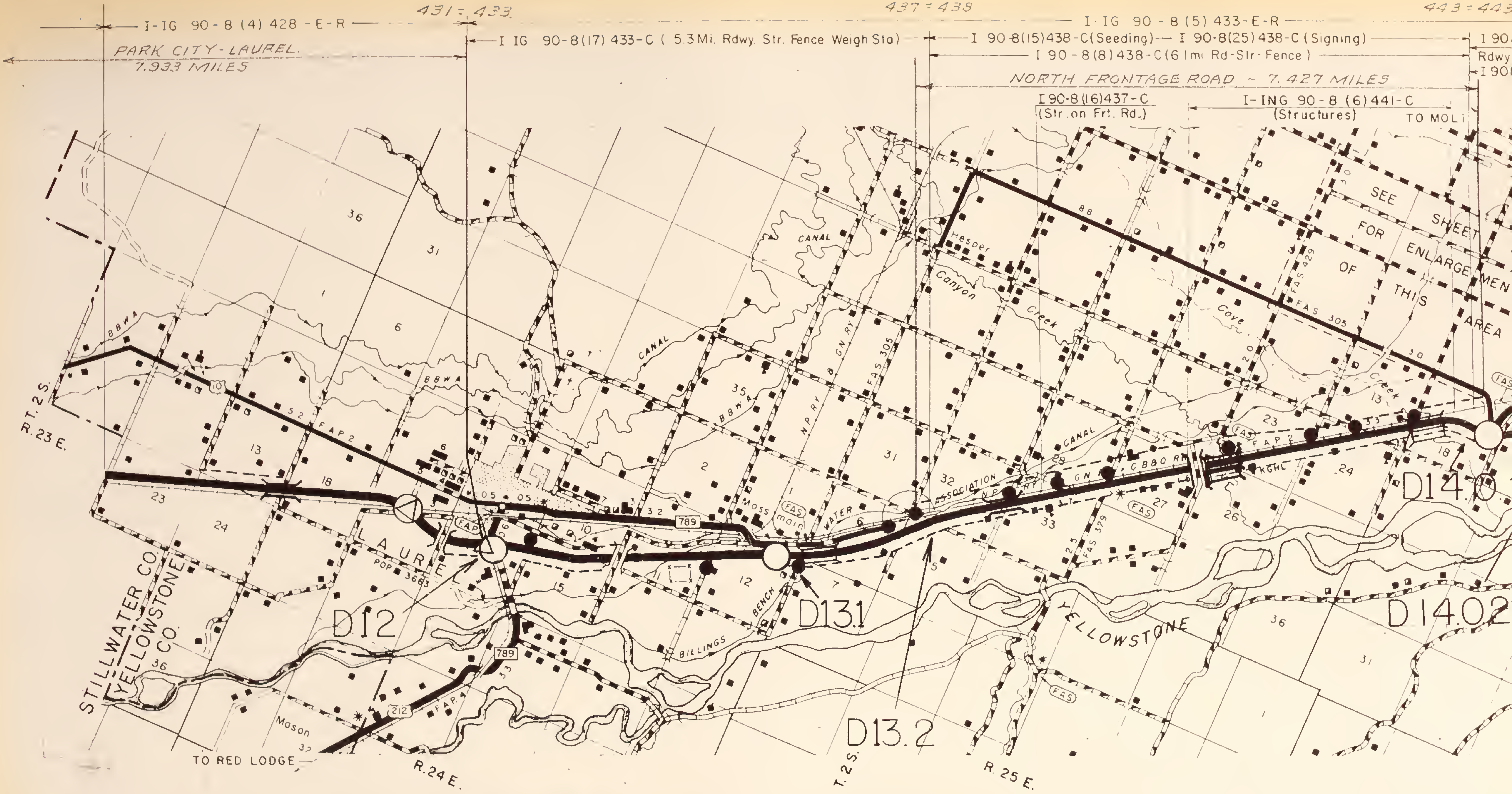
SCALE IN MILES
0 1 2 3 4

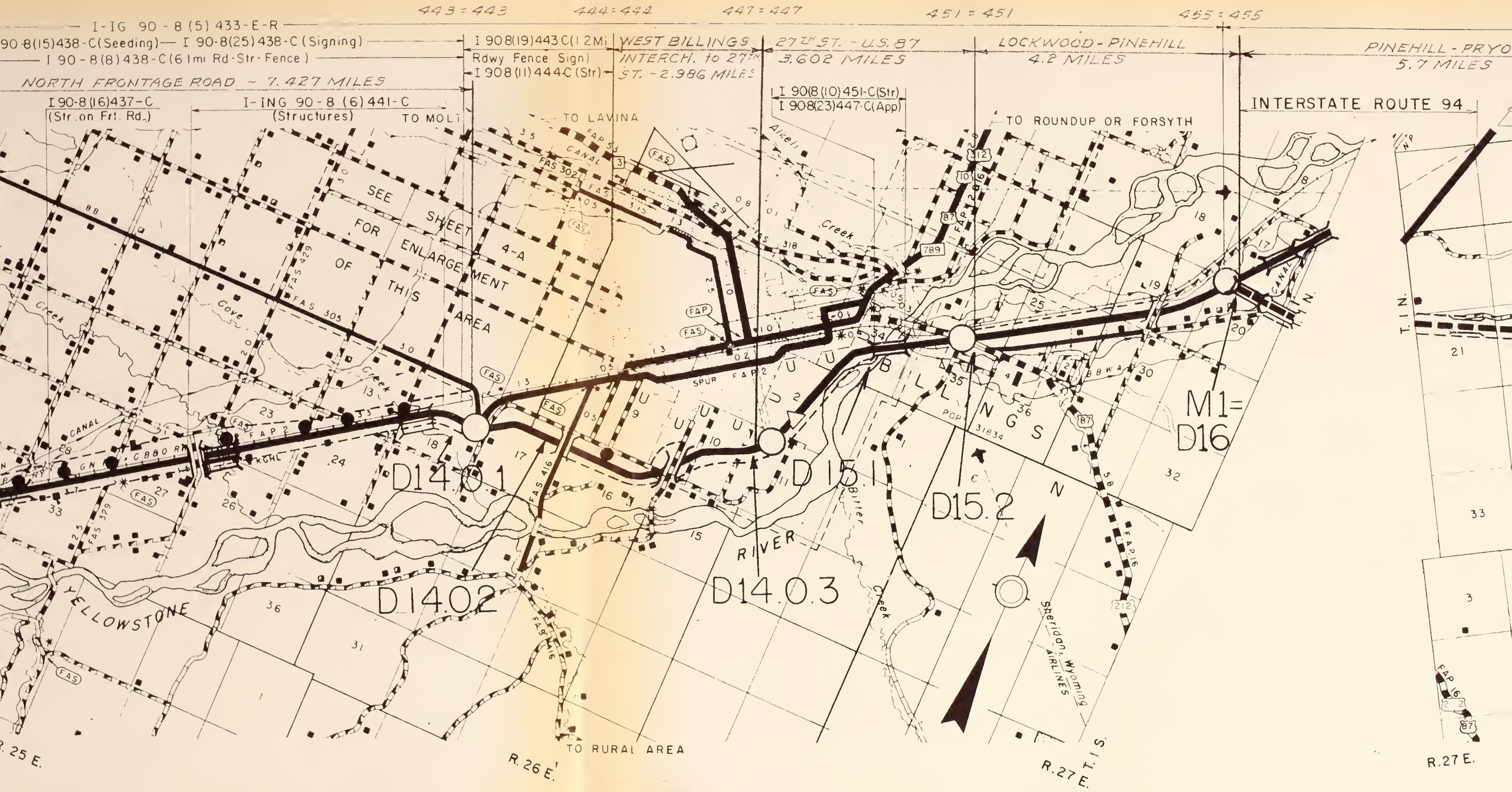
MONTANA

INTERSTATE ROUTE 90

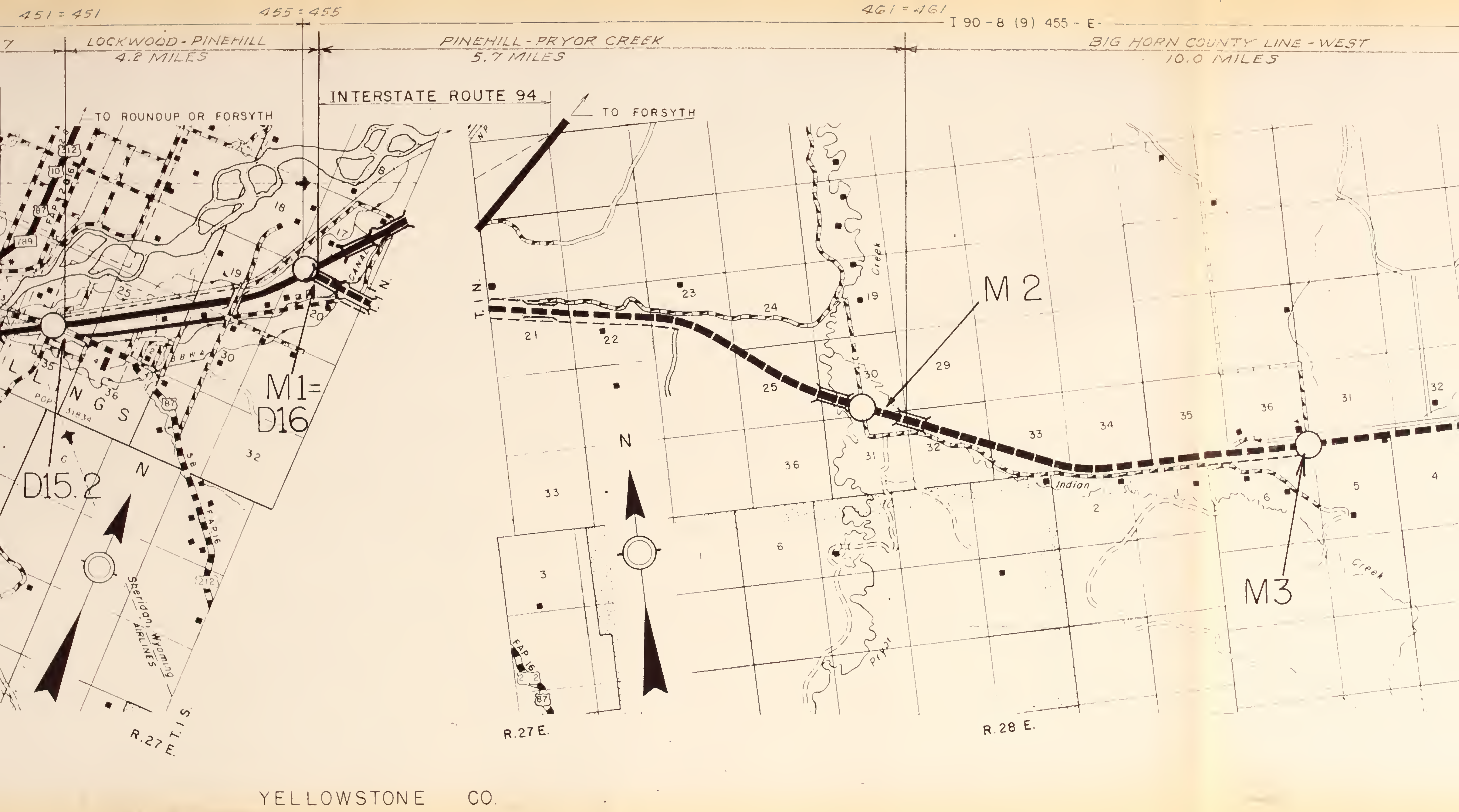
Sheet 8 **of** 11

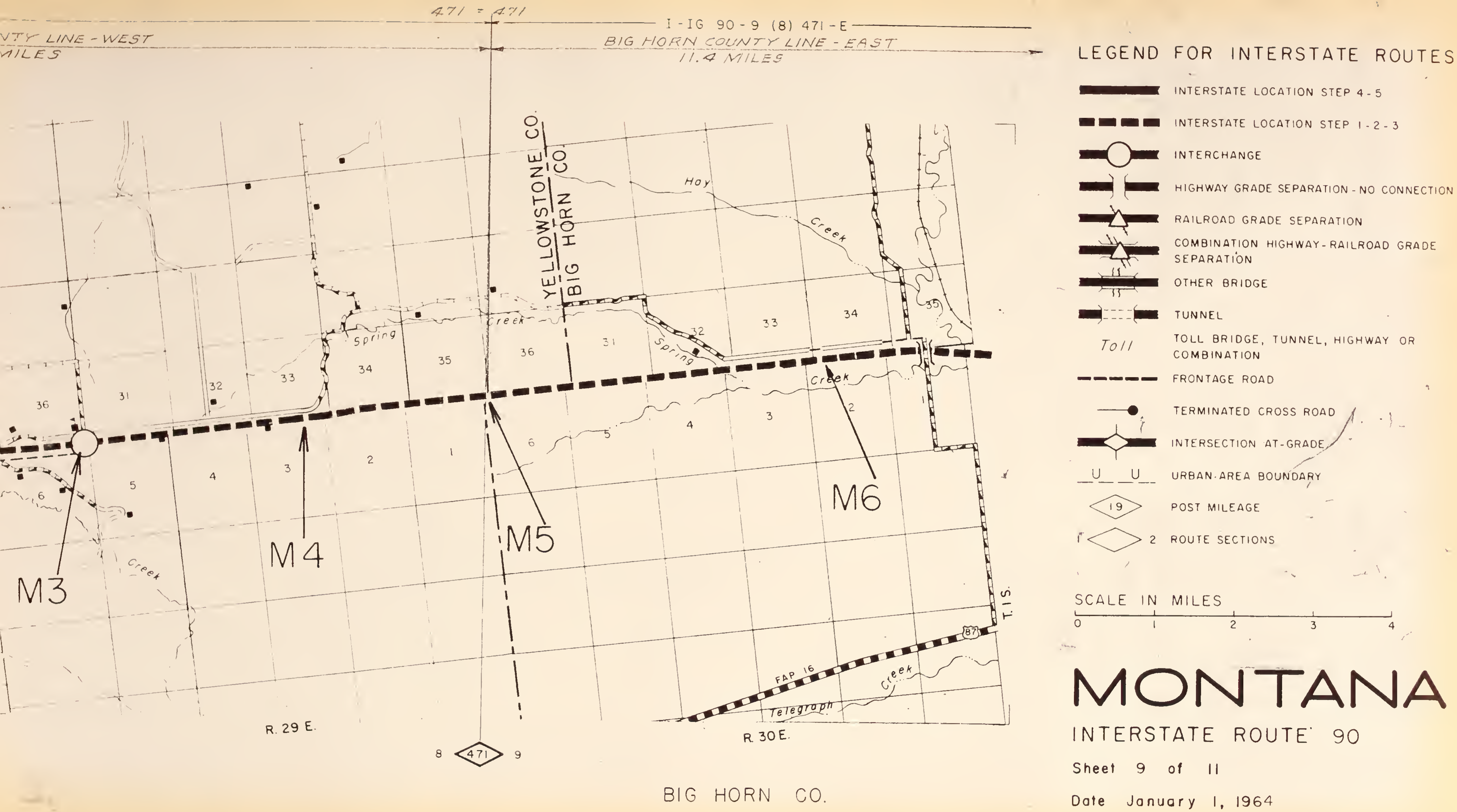
Date January 1, 1964


431 = 433
437 = 438
443 = 443
I-IG 90-8 (4) 428-E-R
PARK CITY-LAUREL
7.933 MILES
I IG 90-8(17) 433-C (5.3 Mi. Rdwy. Str. Fence Weigh Sta)
I-IG 90-8 (5) 433-E-R
I 90-8(15)438-C(Seeding)
I 90-8(25)438-C (Signing)
I 90-8(8)438-C(6.1 mi Rd-Str-Fence)
NORTH FRONTAGE ROAD ~ 7.427 MILES
I 90-8(16)437-C
(Str. on Frt. Rd.)
I-ING 90-8 (6) 441-C
(Structures)
TO MOLT
SEE SHEET FOR ENLARGEMENT OF THIS AREA
Hesper
Canyon Creek
Cove Creek
CANAL
BBWA
N P RY
G N RY
FAS 305
FAS 429
FAS 329
FAP 2
FAP 4
10
789
212
LAUREL
POP. 3663
Moss
main
WATER
ASSOCIATION
C B & Q RY
KGHL
BILLINGS BENCH
YELLOWSTONE
Mason
TO RED LODGE
STILLWATER CO.
YELLOWSTONE CO.
R. 23 E.
R. 24 E.
R. 25 E.
T. 2 S.
D12
D13.1
D13.2
D14.0
D14.02



YELLOWSTONE CO.


451 = 451
455 = 455
461 = 461
I 90 - 8 (9) 455 - E -
LOCKWOOD - PINEHILL
4.2 MILES
PINEHILL - PRYOR CREEK
5.7 MILES
BIG HORN COUNTY LINE - WEST
10.0 MILES
INTERSTATE ROUTE 94
TO ROUNDUP OR FORSYTH
TO FORSYTH
M 2
M1=
D16
D15.2
M3
CANAL
Creek
Indian
Pryor
Creek
Sheridan, Wyoming
AIRLINES
POP 31834
T. 1 N.
T. 1 S.
R. 27 E.
R. 27 E.
R. 28 E.
N
N
FAP 16
FAP 16
312
10
87
789
212
YELLOWSTONE CO.

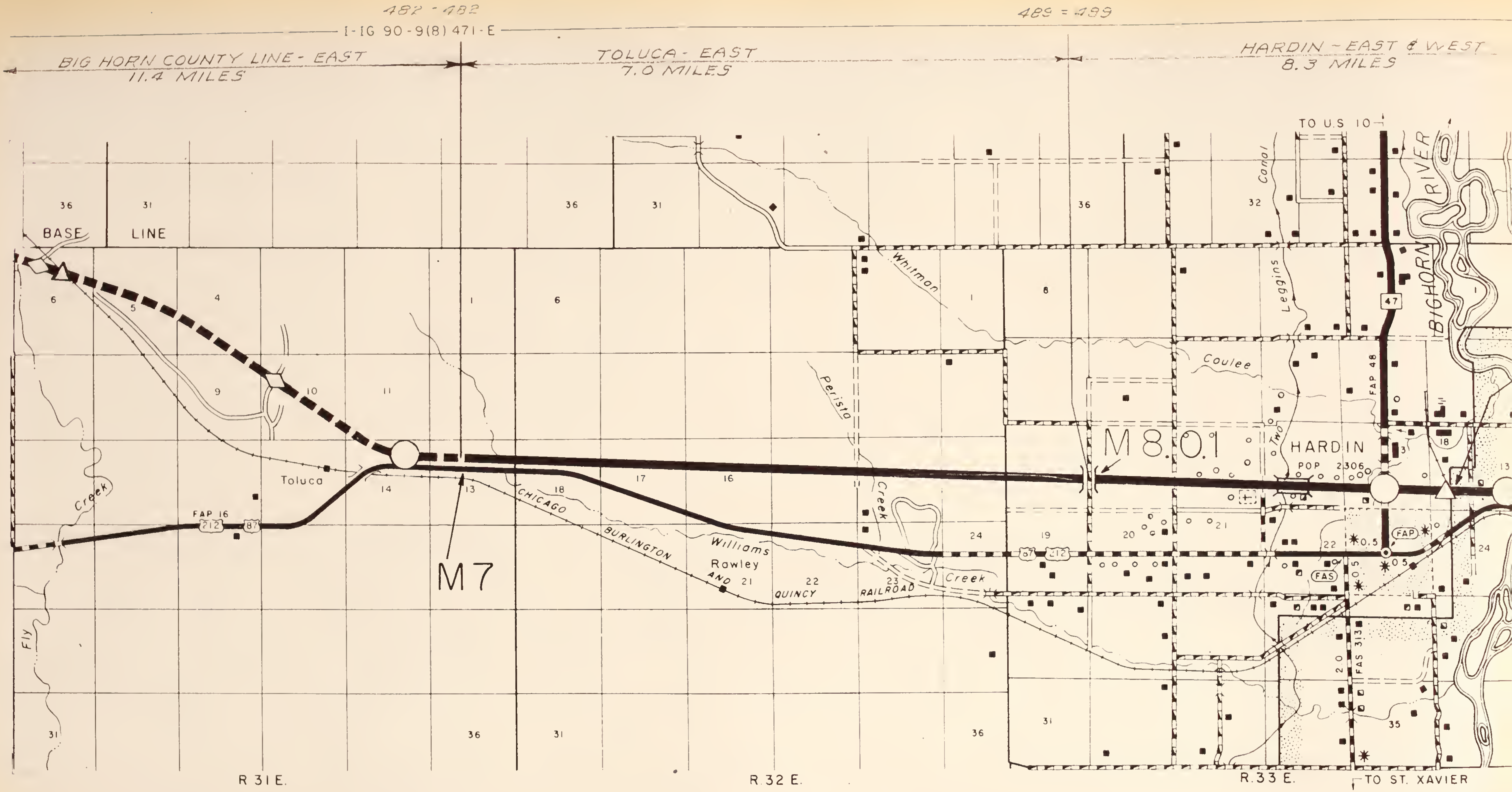


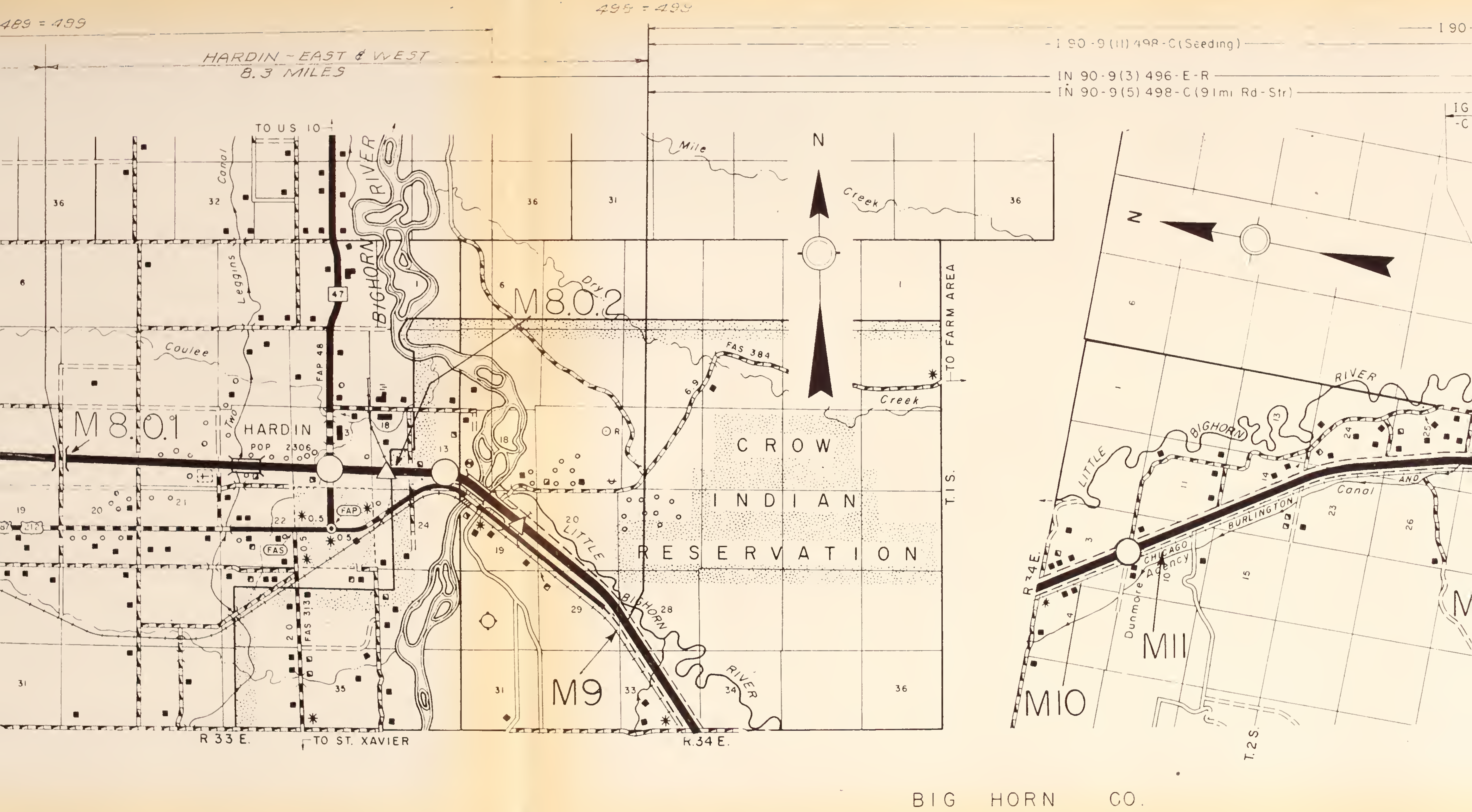
MONTANA

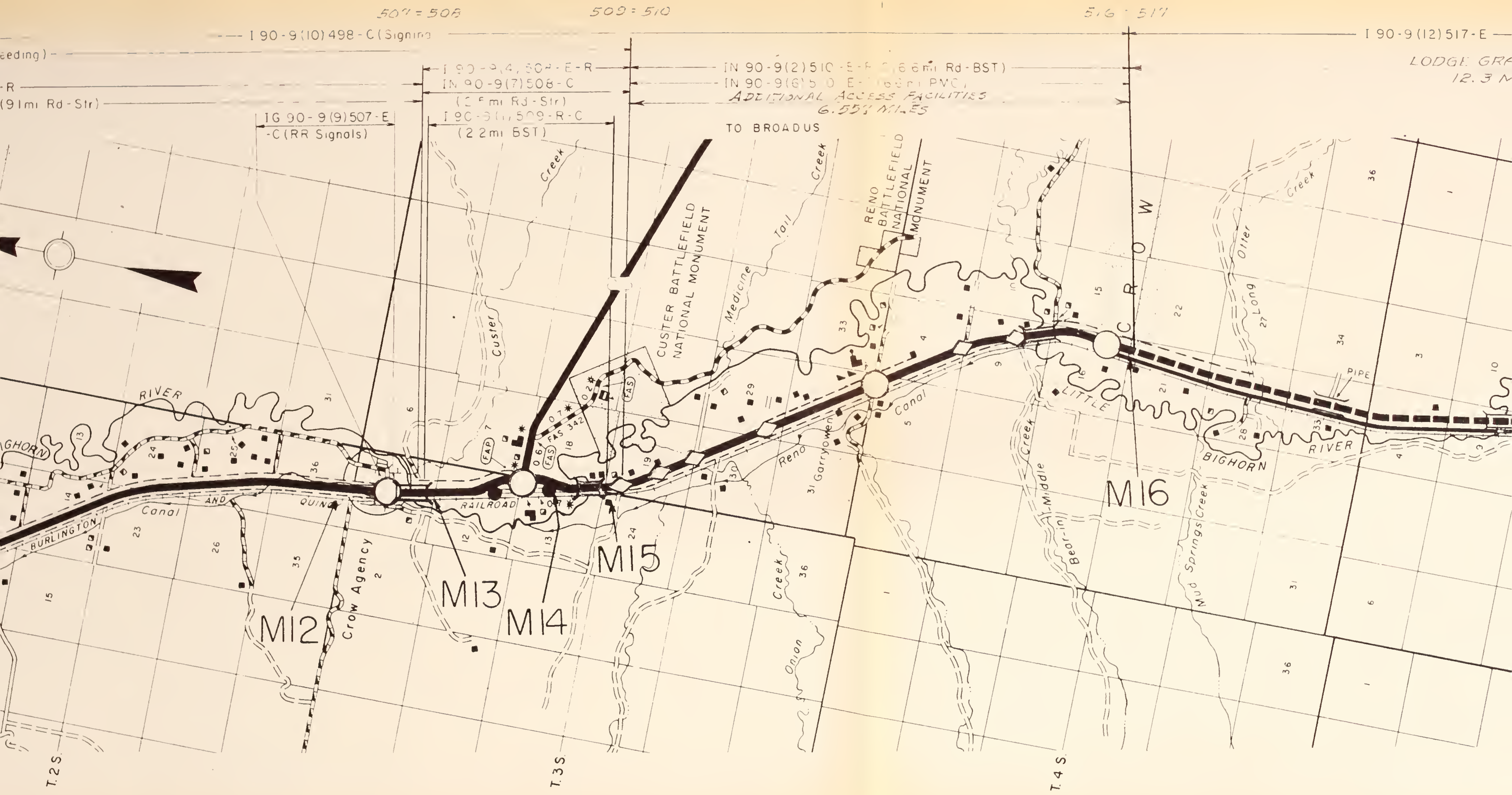
INTERSTATE ROUTE 90

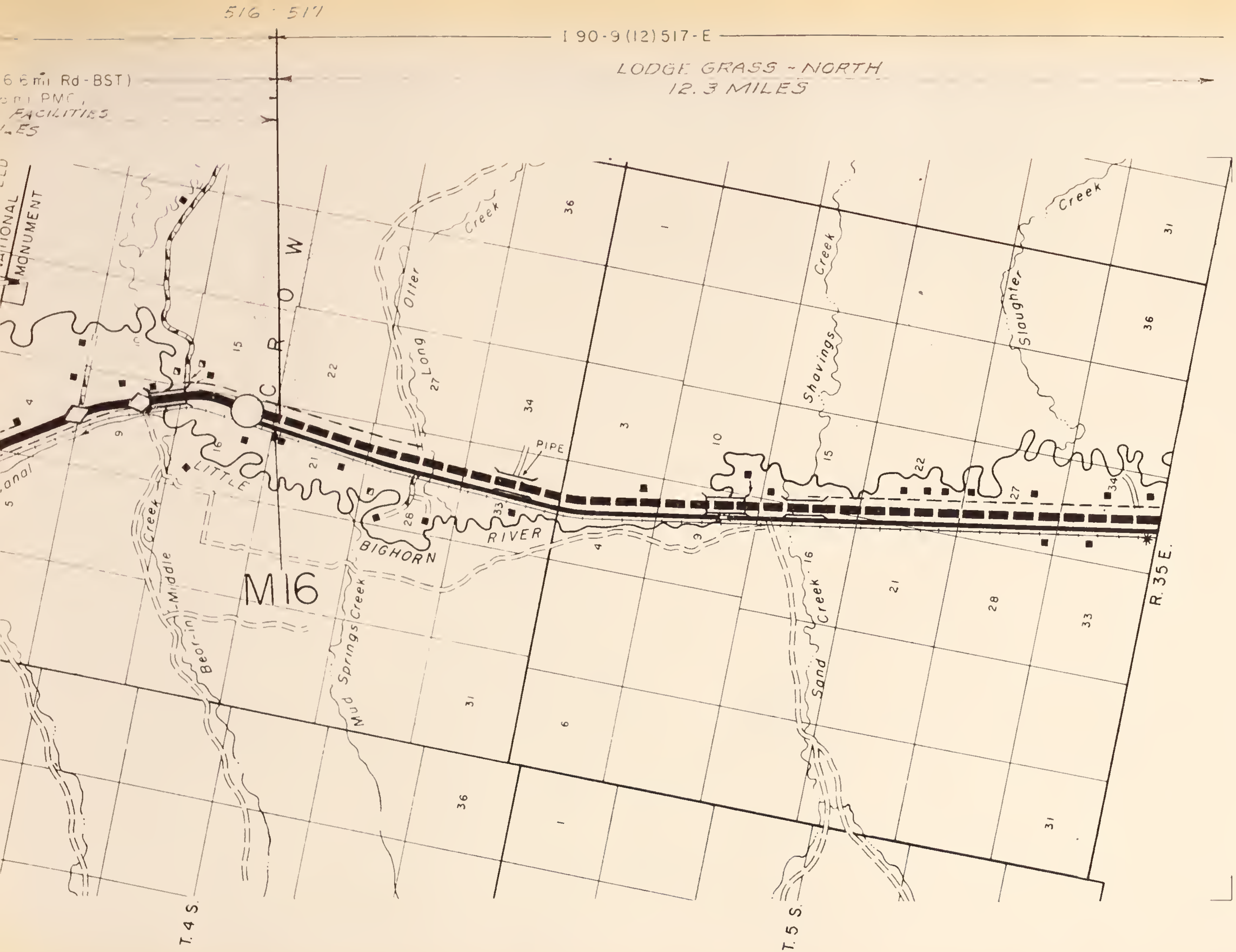
Sheet 9 of 11

Date January 1, 1964


482 - 482
I-IG 90-9(8) 471-E
489 = 489
BIG HORN COUNTY LINE - EAST
11.4 MILES
TOLUCA - EAST
7.0 MILES
HARDIN - EAST & WEST
8.3 MILES
TO U.S. 10
BASE LINE
Toluca
Creek
Fly
FAP 16
212
87
M7
CHICAGO BURLINGTON AND QUINCY RAILROAD
Williams
Rowley
Creek
Whitman
Perista
Coulee
Leggins
Two
Canal
M8.01
HARDIN
POP 2306
BIGHORN RIVER
47
FAP 48
FAP
FAS
FAS 313
0.5
2.0
TO ST. XAVIER
R 31 E.
R.32 E.
R.33 E.


489 = 499
495 = 499
HARDIN ~ EAST & WEST
8.3 MILES
I 90-9 (11) 498-C (Seeding)
IN 90-9 (3) 496-E-R
IN 90-9 (5) 498-C (9.1mi Rd-Str)
I 90
IG
-C
TO US 10
N
Canal
Leggins
Coulee
Two
47
FAP 48
BIGHORN
RIVER
Mile
Creek
Dry
M8.0.2
FAS 384
6.9
TO FARM AREA
Creek
M8.0.1
HARDIN
POP 2306
CROW
INDIAN
RESERVATION
T.I.S.
212
FAP
FAS
FAS 313
0.5
2.0
LITTLE
BIGHORN
RIVER
M9
R 33 E.
TO ST. XAVIER
R.34 E.
36
32
36
31
36
6
6
1
1
18
13
18
11
3
19
20
21
22
24
19
20
29
28
31
35
31
33
34
36
N
RIVER
BIGHORN
LITTLE
Canal
AND
BURLINGTON
CHICAGO
Agency
Dunmore
M11
M10
R 34 E.
T. 2 S.
1
6
3
4
10
11
13
14
15
23
24
25
26
M
BIG HORN CO.


507 = 508
509 = 510
516 = 517
I 90-9(10)498-C(Signing
eeding)
-R
(91mi Rd-Str)
I 90-9(4)508-E-R
IN 90-9(7)508-C
(2.6mi Rd-Str)
IG 90-9(9)507-E-C(RR Signals)
I 90-9(1)509-R-C
(2.2mi BST)
IN 90-9(2)510-E-R (6.6mi Rd-BST)
IN 90-9(6)510-E-(6.6mi PMC)
ADDITIONAL ACCESS FACILITIES
6.55 MILES
I 90-9(12)517-E
LODGE GRA
12.3 M
TO BROADUS
CUSTER BATTLEFIELD NATIONAL MONUMENT
RENO BATTLEFIELD NATIONAL MONUMENT
C R O W
Custer Creek
Medicine Tail Creek
Otter Creek
Long
PIPE
RIVER
BIGHORN
LITTLE BIGHORN RIVER
BURLINGTON AND QUINCY RAILROAD
Canal
Crow Agency
FAP
FAS
FAS 342
Reno
Garryowen
Middle Creek
Bear-in
Mud Springs Creek
Onion Creek
M12
M13
M14
M15
M16
T.2S.
T.3S.
T.4S.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- · Toll — TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U — URBAN AREA BOUNDARY
- 19 — POST MILEAGE
- 1 ◇ 2 — ROUTE SECTIONS

SCALE IN MILES

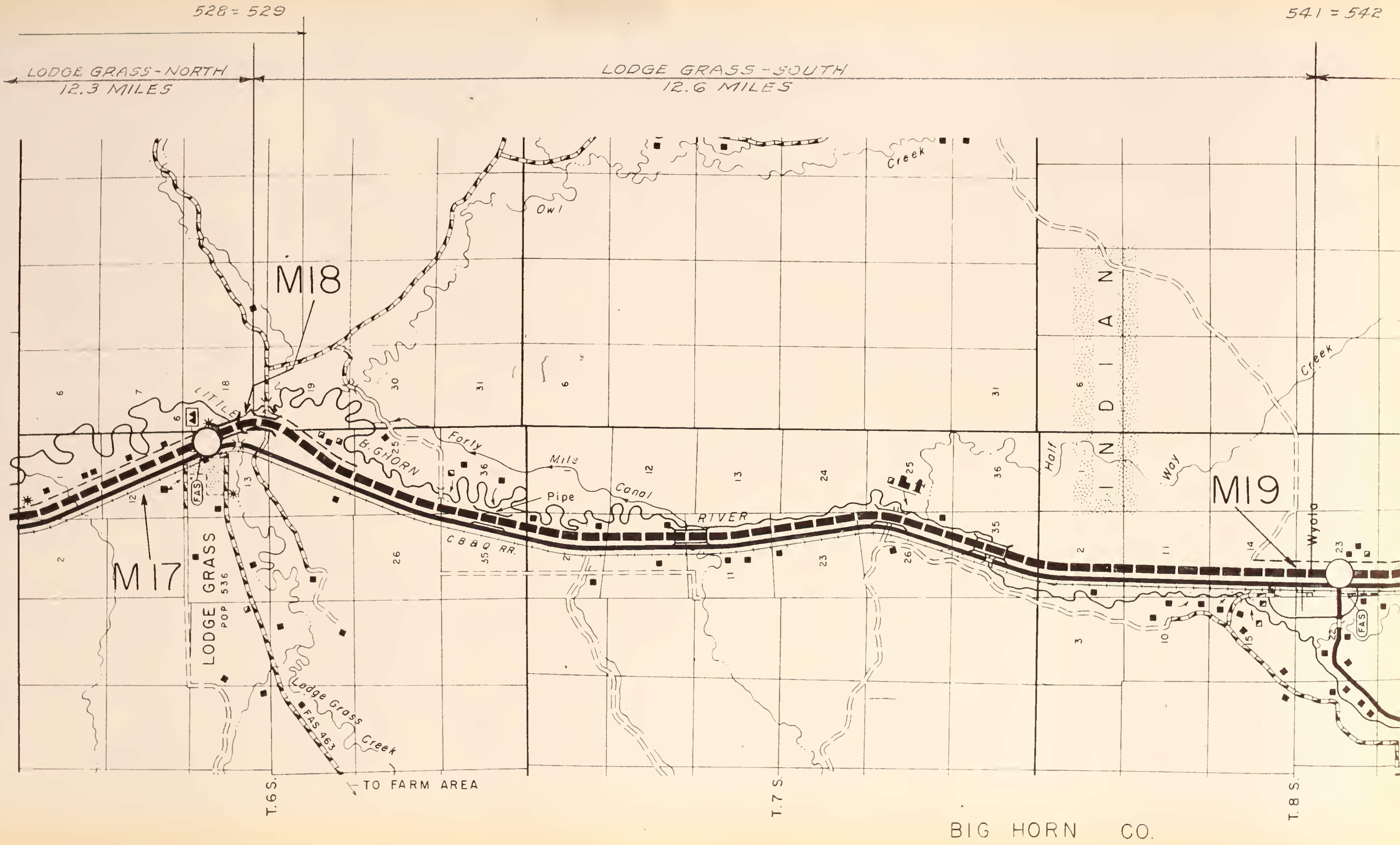
0 1 2 3 4

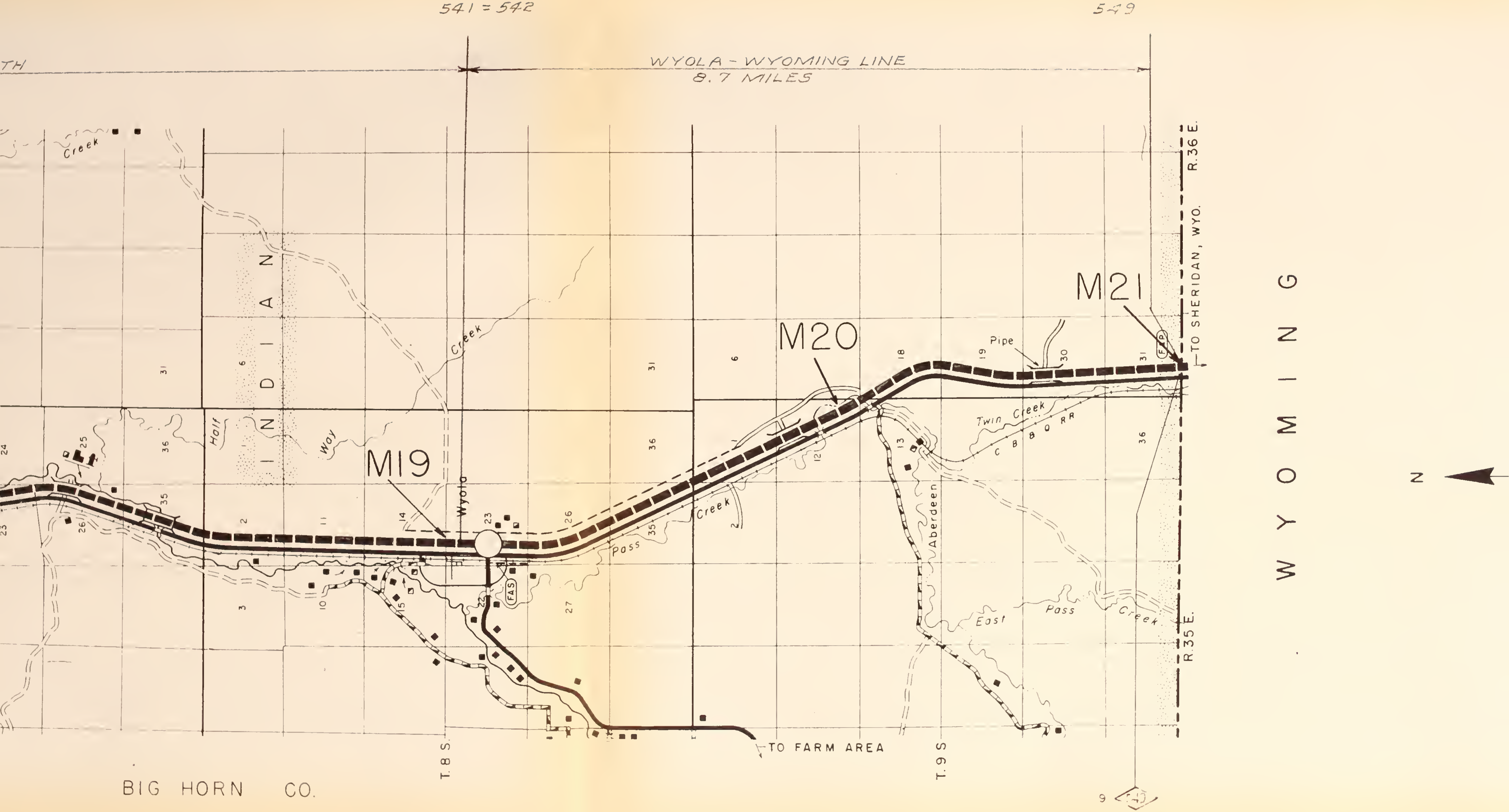
MONTANA

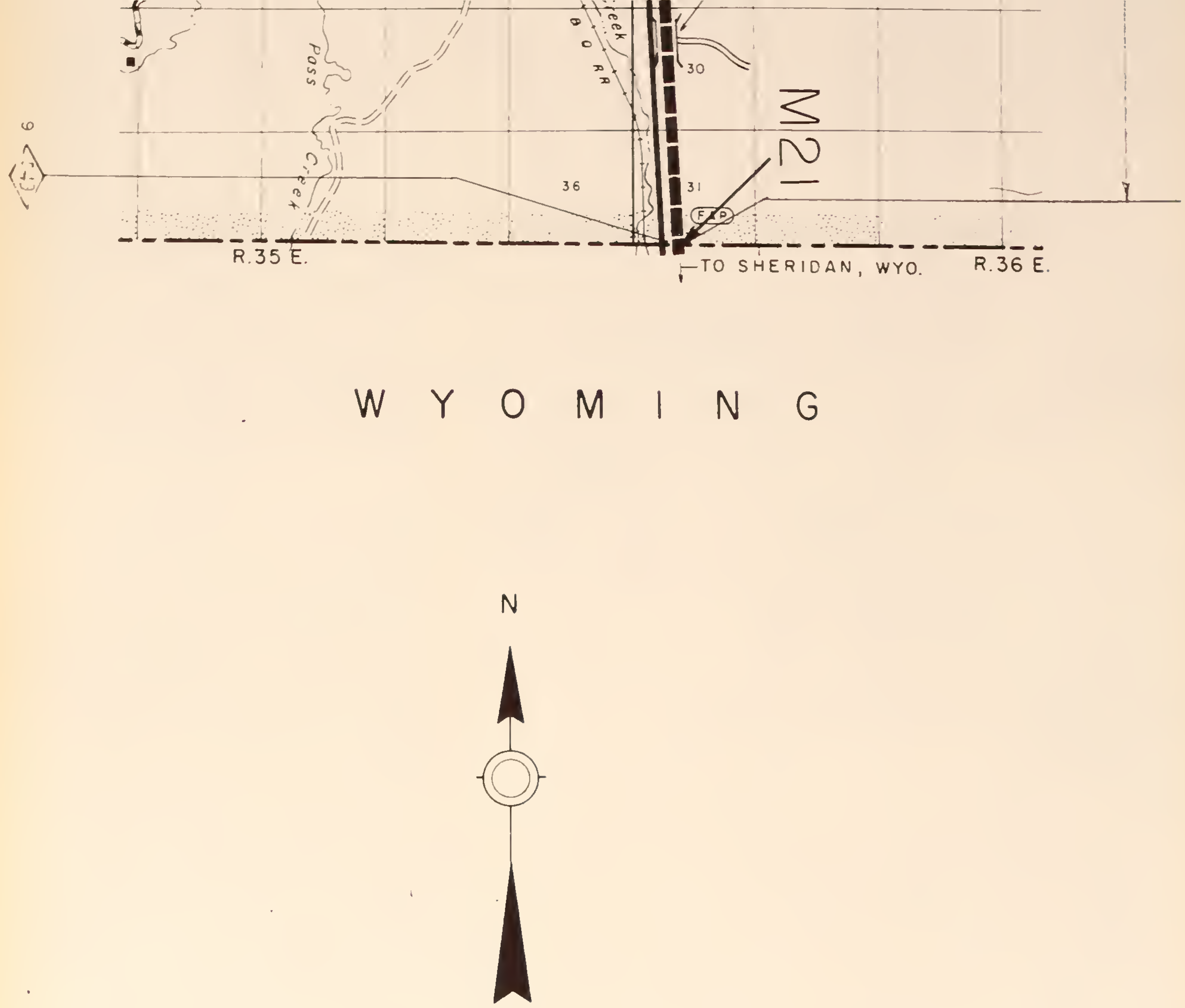
INTERSTATE ROUTE 90

Sheet 10 of 11

Date January 1, 1964


528 = 529
541 = 542
LODGE GRASS - NORTH
12.3 MILES
LODGE GRASS - SOUTH
12.6 MILES
M18
M17
M19
LITTLE
B. GHORN
RIVER
Forty
Mile
Pipe
Canal
Owl
Creek
Half
Way
Creek
INDIAN
C B & Q RR.
LODGE GRASS
POP 536
FAS
Lodge Grass Creek
FAS 463
TO FARM AREA
Wyola
T. 6 S.
T. 7 S.
T. 8 S.
BIG HORN CO.


541 = 542
549
TH
WYOLA - WYOMING LINE
8.7 MILES
Creek
INDIAN
Half
Way
Creek
M19
Wyola
M20
M21
Pipe
Twin Creek
C B & Q RR
Aberdeen
Pass
Creek
East Pass Creek
FAS
FAP
TO SHERIDAN, WYO.
R.36 E.
R.35 E.
T.8 S.
T.9 S.
TO FARM AREA
BIG HORN CO.
WYOMING
N
9
24
25
23
26
31
36
35
6
2
11
14
23
22
26
27
3
10
15
31
36
35
6
1
12
13
18
19
30
31
36


M21
30
31
36
Pass
Creek
Creek
B Q RR
F.A.P.
TO SHERIDAN, WYO.
R.35 E.
R.36 E.
9
WYOMING
N

LEGEND FOR INTERSTATE ROUTES

━━━	INTERSTATE LOCATION STEP 4 - 5
▬ ▬ ▬ ▬	INTERSTATE LOCATION STEP 1 - 2 - 3
━○━	INTERCHANGE
━)(━	HIGHWAY GRADE SEPARATION - NO CONNECTION
━△━	RAILROAD GRADE SEPARATION
━△━	COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
━╪━	OTHER BRIDGE
━┄━	TUNNEL
Toll	TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
‒ ‒ ‒ ‒	FRONTAGE ROAD
—●	TERMINATED CROSS ROAD
━◇━	INTERSECTION AT-GRADE
_U_ _U_	URBAN AREA BOUNDARY
◇19	POST MILEAGE
1 ◇ 2	ROUTE SECTIONS

SCALE IN MILES

0 1 2 3 4

MONTANA

INTERSTATE ROUTE 90

Sheet 11 of 11

Date January 1, 1964

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I – 94

Sheet 1 of 2

PROJECT SECTION (POST MILE LIMITS)	0 - 6	6 - 15	15 - 24	24 - 34	34 - 45	45 - 49	67 - 77	76 - 83	83 - 90	90 - 95	95 - 105	105 - 114	148 - 154
Section length, miles	6.2	8.3	9.4	10.3	10.5	4.6	10.0	7.0	7.2	5.0	9.5	9.0	6.0
Number of Lanes	4	4	2	2	2	2	2	2	2	2	2	2	2
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-Way	--	--	--	287	200	188	177	35	33	449	118	121	40
3. Clear & Grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility Adjustments	19	1	34	21	181	21	13	11	99	22	8	4	12
5. Grade & Drain; minor structures	1399	1231	796	460	402	347	611	307	278	290	512	550	694
6. Base; surfacing; shoulders	894	1071	737	664	752	400	794	581	571	251	708	513	465
7. R.R. Grade Separations	--	--	86	--	--	--	--	--	71	--	--	--	--
8. Highway grade separations without ramps	99	79	116	60	119	--	--	46	60	120	60	--	--
9. Interchanges, complete	214	--	387	167	--	348	181	--	167	167	335	--	181
10. Other bridges; tunnels	32	--	257	160	60	--	48	48	115	--	105	105	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--
12 Guardrail; fencing; lighting; traffic control devices	68	93	99	95	79	43	122	72	109	58	84	83	92
13. Roadside improvement	7	8	10	72	10	5	10	7	13	5	74	71	70
14. All other items	--	--	--	--	18	--	--	--	--	--	--	16	--
15. Subtotal, lines 3 to 14	2732	2483	2522	1699	1621	1164	1779	1072	1483	913	1886	1342	1514
16. Construction Engineering & Contingencies, 10% of line 15	273	248	252	170	162	116	178	107	148	91	189	134	151
17. Total Estimated Construction Cost	3005	2731	2774	1869	1783	1280	1957	1179	1631	1004	2075	1476	1665

INTERSTATE COST ESTIMATE BY PROPOSED PROJECT CONSTRUCTION SECTIONS

I – 94

Sheet 2 of 2

PROJECT SECTION (POST MILE LIMITS)	154 - 161	160 - 173	173 - 182	182 - 187	191 - 197	197 - 209	209 - 218						
Section length, miles	7.4	12.8	8.792	5.6	5.9	12.5	8.3						
Number of Lanes	2	2	2	2	2	2	2						
				ESTIMATE (1000 Dollars)									
1. Preliminary Engineering	--	--	--	--	--	--	--						
2. Right-of-Way	132	352	167	50	32	77	--						
3. Clear & Grub; demolition	--	--	--	--	--	--	--						
4. Utility Adjustments	17	43	149	6	--	2	116						
5. Grade & Drain; minor structures	497	630	525	194	217	602	653						
6. Base; surfacing; shoulders	618	1068	646	441	450	936	579						
7. R.R. Grade Separations	--	--	179	121	--	--	128						
8. Highway grade separations without ramps	--	52	70	60	--	--	98						
9. Interchanges, complete	167	--	186	185	181	181	771						
10. Other bridges; tunnels	115	24	110	717	86	341	1846						
11. Walls	--	--	--	--	--	--	--						
12 Guardrail; fencing; lighting; traffic control devices	58	117	70	84	72	134	167						
13. Roadside improvement	8	13	9	70	6	14	8						
14. All other items	--	--	10	--	--	10	270						
15. Subtotal, lines 3 to 14	1480	1947	1954	1878	1012	2220	4636						
16. Construction Engineering & Contingencies, 10% of line 15	148	195	195	188	101	220	464					Total This Est.	Total in 1965 Est.
17. Total Estimated Construction Cost	1628	2142	2149	2066	1113	2440	5100					41067	41800

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION												
	D 16 - D 17	D 17 - D 18	D 18 - D 19	D 19 - D 20.1	D 20.1 - D 20.2	D 20.2 - D 21.1	D 21.1 - D 21.2	D 21.2 - D 22.1	D 22.1 - D 22.2	D 22.2 - D 23	D 23 - D 24	D 24 - D 25.0.1	D 25.0.1 D 25.0.2
1. Section length, miles	7.0	8.4	10.1	6.8	1.9	3.4	7.0	1.0	4.0	1.3	1.0	3.6	4.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	E	E	E	E	E	N	N	N	N	N
4. Design Speed (V)	50	60	60	70	50	70	70	60	60	60	60	60	60
5. Traffic: ADT 1962	2055	1725	1575	1348	1324	1324	1324	1324	1206	1274	1274	1190	1190
6. Traffic: a. ADT 1975	4950	4100	3800	3250	3200	3200	3200	3200	2800	2950	2950	2750	2750
b. DHV 1975	640	530	490	420	420	420	420	420	360	380	380	360	360
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	11	11	11	11	11	11	11	11	11	12	12	12	12
7. Number of through traffic lanes (1975 traffic)	4	2	2	2	2	2	2	2	2	2	2	2	4
8. Traffic ADT 1990	7400	6200	5650	4850	4750	4750	4750	4750	4100	4350	4350	4050	4050
9. Traffic: a. Design Year	1985	1986	1986	1990	1990	1990	1990	1990	1988	1975	1975	1975	1975
b. ADT Design year	6500	5600	5150	4850	4750	4750	4750	4750	3950	2950	2950	2750	2750
c. DHV Design year	850	730	670	630	620	620	620	620	510	380	380	360	360
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	11	11	11	11	11	11	11	11	11	12	12	12	12
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	4	4	2	2	2	2	2	2	2	2	2	2	4
11. Mileage without frontage roads	6.8	8.4	7.9	--	--	--	--	--	3.5	1.3	1.0	3.6	4.0
12. Mileage with frontage road one side only	0.2	--	1.2	1.8	1.9	3.4	7.0	1.0	0.5	--	--	--	--
13. Mileage with frontage roads on both sides	--	--	1.0	5.0	--	--	--	--	--	--	--	--	--
14. Typical cross-section reference	40	40	20	20	20	20	20	20	20	20	20	20	46
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	76	76	--	--	--	--	--	--	--	--	--	--	8
Prevailing	76	76	--	--	--	--	--	--	--	--	--	--	8

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 2 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION												
	D 25.0.2- D 26.1	D 26.1 - D 26.2	D 26.2 - D 27	D 27 - E 1	E 1 - E 2.1	E 2.1 - E 2.2	E 2.2 - E 3	E 3 - E 4	E 4 - E 5	E 5 - E 6	E 6 - E 7	E 7 - E 8	E 8 - E 9.0.1
1. Section length, miles	2.0	5.6	4.1	5.7	6.3	2.5	5.4	2.5	6.9	5.0	7.1	4.9	8.6
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	N	N	N	N	N	N	N	N	E	E	E	E	E
4. Design Speed (V)	60	60	70	70	70	70	60	70	50	60	60	60	60
5. Traffic: ADT 1962	1190	1190	1200	1175	1175	1175	1401	1365	1365	1354	1342	1342	1452
6. Traffic: a. ADT 1975	2750	2750	2800	2750	2750	2750	3250	3200	3200	3150	3100	3100	3400
b. DHV 1975	360	360	360	360	360	360	420	420	420	410	400	400	440
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	12	12	13	13	13	13	13	13	13	13	12	12	12
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
8. Traffic ADT 1990	4050	4050	4100	4000	4000	4000	4800	4650	4650	4600	4600	4600	4950
9. Traffic: a. Design Year	1975	1975	1985	1985	1986	1986	1986	1990	1990	1989	1987	1987	1975
b. ADT Design year	2750	2750	3600	3550	3650	3650	4350	4650	4650	4500	4250	4250	3400
c. DHV Design year	360	360	470	460	470	470	570	600	600	590	550	550	440
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	12	12	13	13	13	13	13	13	13	13	12	12	12
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
11. Mileage without frontage roads	2.0	5.6	4.1	5.7	6.3	2.5	5.4	1.0	--	2.5	3.1	--	2.2
12. Mileage with frontage road one side only	--	--	--	--	--	--	--	1.5	6.9	2.5	4.0	4.9	5.8
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	--	--	--	0.6
14. Typical cross-section reference	20	20	20	20	20	20	20	20	20	20	20	20	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	--	--	--	--	--	--	--	--	--	--	--	--	--
Prevailing	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 3 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION												
	E 9.0.1- E 9.0.2	E 9.0.2 - E 9.0.3	E 9.0.3 - E 10	E 10 - E 11	E 11 - E 12	E 12 - E 13	E 13 - E 14	E 14 - E 15.1	E 15.1 - E 15.2	E 15.2 - F 1	F 1 - F 2	F 2 - F 3	F 3 - F 4
1. Section length, miles	6.4	1.2	1.2	1.2	3.0	4.9	2.5	5.2	1.9	6.5	6.2	4.9	3.8
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	N	N	N	N	N	E	E	E	E	N	N
4. Design Speed (V)	60	60	60	60	60	60	60	60	70	60	70	60	70
5. Traffic: ADT 1962	1869	1869	592	592	563	1226	1226	1355	1355	1368	1368	1368	1368
6. Traffic: a. ADT 1975	4350	4350	1450	1450	1350	2850	2850	3150	3150	3200	3200	3200	3200
b. DHV 1975	520	520	170	170	160	370	370	410	410	420	420	420	420
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	12	12	13	13	13	10	10	10	10	10	10	10	10
7. Number of through traffic lanes (1975 traffic)	2	4	2	2	2	2	2	2	2	2	2	2	2
8. Traffic ADT 1990	6350	6350	2100	2100	2000	4200	4200	4600	4600	4650	4650	4650	4650
9. Traffic: a. Design Year	1975	1975	1975	1975	1975	1975	1975	1988	1988	1988	1987	1987	1987
b. ADT Design year	4350	4350	1450	1450	1350	2850	2850	4400	4400	4450	4350	4350	4350
c. DHV Design year	520	520	170	170	160	370	370	570	570	580	560	560	560
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	12	12	13	13	13	10	10	10	10	10	10	10	10
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	4	2	2	2	2	2	2	2	2	2	2	2
11. Mileage without frontage roads	6.4	1.2	1.2	1.2	1.4	4.9	2.5	3.5	1.9	--	--	4.9	1.8
12. Mileage with frontage road one side only	--	--	--	--	1.6	--	--	1.7	--	4.5	5.2	--	2.0
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	--	--	--	2.0	1.0	--	--
14. Typical cross-section reference	22	50	22	22	22	22	22	20	20	20	20	20	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	--	46	--	--	--	--	--	--	--	--	--	--	--
Prevailing	--	46	--	--	--	--	--	--	--	--	--	--	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 4 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION												
	F 4 - F 5	F 5 - F 6	F 6 - F 7	F 7 - F 8	F 8 - F 9	F 9 - F 10	F 10 - F 11	F 11 - F 12	F 12 - F 13.1	F 13.1 - F 13.2	F 13 2 - F 14	F 14 - F 15	F 15 - F 16
1. Section length, miles	2.5	3.9	2.2	0.2	3.9	7.8	5.6	5.7	1.7	1.7	1.4	0.4	3.0
2. Class - rural or urban	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Location - existing, new or toll	E	E	E	E	E	E	E	E	E	N	N	N	E
4. Design Speed (V)	70	70	70	60	60	60	60	60	70	70	70	60	60
5. Traffic: ADT 1962	1302	1302	1143	1143	1143	1134	1134	1200	596	710	944	944	1450
6. Traffic: a. ADT 1975	3050	3050	2650	2650	2650	2650	2650	2800	1450	1700	2300	2300	3400
b. DHV 1975	400	400	340	340	340	340	340	360	170	200	280	280	470
c. Directional distribution factor (d), 1975	55	55	55	55	55	55	55	55	55	55	55	55	55
d. Percent trucks, (T), 1975	12	10	12	12	12	12	12	12	12	12	12	12	11
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
8. Traffic ADT 1990	4450	4450	3900	3900	3900	3850	3850	4100	2100	2500	3300	3300	4950
9. Traffic: a. Design Year	1987	1987	1989	1989	1989	1990	1990	1990	1986	1986	1986	1986	1986
b. ADT Design year	4150	4150	3800	3800	3800	3850	3850	4100	1900	2300	3000	3000	4500
c. DHV Design year	540	540	490	490	490	500	500	530	230	280	360	360	620
d. (D) Design year	55	55	55	55	55	55	55	55	55	55	55	55	55
e. Percent trucks (T), design year	12	12	12	12	12	12	12	12	12	12	12	12	11
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--	--	--	--	--	--	--	--
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	2	2	2	2	2	2	2	2	2
11. Mileage without frontage roads	--	--	--	--	--	--	--	--	1.7	1.2	1.4	0.4	1.3
12. Mileage with frontage road one side only	2.5	3.9	2.2	0.2	3.9	7.8	5.1	5.5	--	0.5	--	--	1.7
13. Mileage with frontage roads on both sides	--	--	--	--	--	--	0.5	0.2	--	--	--	--	--
14. Typical cross-section reference	20	20	20	20	20	20	20	20	20	20	20	20	20
15. Right-of-way width: Minimum	300	300	300	300	300	300	300	300	300	300	300	300	300
Prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: Minimum	--	--	--	--	--	--	--	--	--	--	--	--	--
Prevailing	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 5 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION												
	F 16 - F 17.1	F 17.1 - F 17.2	F 17.2 - F 18	F 18 - F 19	F 19 - F 20	F 20 - F 21					Sub Totals		
											Rural	Urban	Total
1. Section length, miles	1.5	2.7	12.8	4.6	4.7	5.9					247.2	--	247.2
2. Class - rural or urban	R	R	R	R	R	R					xxx	xxx	xxx
3. Location - existing, new or toll	E	E	N	E	E	E					xxx	xxx	xxx
4. Design Speed (V)	60	60	60	70	70	70					xxx	xxx	xxx
5. Traffic: ADT 1962	1450	1450	1450	1523	1441	1441					xxx	xxx	xxx
6. Traffic: a. ADT 1975	3400	3400	3400	3550	3500	3500					xxx	xxx	xxx
b. DHV 1975	470	470	470	490	480	480					xxx	xxx	xxx
c. Directional distribution factor (d), 1975	55	55	55	55	55	55					xxx	xxx	xxx
d. Percent trucks, (T), 1975	11	11	11	11	11	11					xxx	xxx	xxx
7. Number of through traffic lanes (1975 traffic)	2	2	2	2	2	2					xxx	xxx	xxx
8. Traffic ADT 1990	4950	4950	4950	5200	5200	5200					xxx	xxx	xxx
9. Traffic: a. Design Year	1975	1975	1975	1975	1975	1975					xxx	xxx	xxx
b. ADT Design year	3400	3400	3400	3550	3500	3500					xxx	xxx	xxx
c. DHV Design year	470	470	470	490	480	480					xxx	xxx	xxx
d. (D) Design year	55	55	55	55	55	55					xxx	xxx	xxx
e. Percent trucks (T), design year	11	11	11	11	11	11					xxx	xxx	xxx
f. Assigned Corridor Traffic ADT design year	--	--	--	--	--	--					xxx	xxx	xxx
10. Number of through traffic lanes (Design year traffic)	2	2	2	2	2	2					xxx	xxx	xxx
11. Mileage without frontage roads	1.5	0.5	12.8	4.6	1.7	5.9					140.8	--	140.8
12. Mileage with frontage road one side only	--	2.2	--	--	3.0	--					96.1	--	96.1
13. Mileage with frontage roads on both sides	--	--	--	--	--	--					10.3	--	10.3
14. Typical cross-section reference	20	20	20	20	20	20					xxx	xxx	xxx
15. Right-of-way width: Minimum	250	230	300	300	300	300					xxx	xxx	xxx
Prevailing	330	250	300	300	300	300					xxx	xxx	xxx
16. Median width: Minimum	--	--	--	--	--	--					xxx	xxx	xxx
Prevailing	--	--	--	--	--	--					xxx	xxx	xxx

Signatures: Paulin Johnson Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	D 16 - D 17	D 17 - D 18	D 17 - D 18	D 18 - D 19	D 19 - D 20.1	D 19 - D 20.1	D 20.1 - D 20.2	D 20.1 - D 20.2	D 20.2 - D 21.1	D 20.2 - D 21.1	D 21.1 - D 21.2	D 21.1 - D 21.2	D 21.2 - C 22.1	D 22.1 - D 22.2
Section length, miles (0.1 mile)	7.0	8.4	8.4	10.1	6.8	6.8	1.9	1.9	3.4	3.4	7.0	7.0	1.0	4.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	E	E	E	E	E	E	E	E	E	N
Design Code: 1, 2 or 3	1	2	3	1	2	3	2	3	2	3	2	3	1	1
No. Lanes to be constructed this estimate	4	2	4	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	4	2	4	2	2	2	2	2	2	2	2	2	2	2
Finance Code	23	23	23	23	22	22	22	22	22	22	22	22	22	23
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	--	--	--	--	60	74	22	22	29	29	59	67	8	--
2. Right-of-way	--	--	--	--	274	252	35	35	18	18	113	182	98	90
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	19	1	1	34	6	6	15	15	16	16	165	165	8	13
5. Grade & Drain; minor structures	1399	715	1231	796	278	310	150	150	127	127	275	275	45	302
6. Base; surfacing; shoulders	894	607	1071	737	505	527	137	137	246	246	506	506	72	328
7. R.R. grade separations	--	--	--	86	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	99	46	79	176	--	--	--	--	--	--	--	119	--	--
9. Interchanges, complete	214	167	206	181	--	167	--	--	--	--	--	--	--	348
10. Other bridges; tunnels	32	67	111	146	106	131	29	29	60	60	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	68	93	93	99	51	51	44	44	26	26	53	53	8	35
13. Roadside improvement	7	8	8	10	70	70	2	2	3	3	7	7	1	4
14. All other items	--	--	--	--	--	--	--	--	--	18	--	--	--	--
15. Subtotal, lines 3 to 14	2732	1704	2800	2265	1016	1262	377	377	478	496	1006	1125	134	1030
16. Construction Engineering & Contingencies, 10% of line 15	273	170	280	226	102	126	38	38	48	50	101	112	13	103
17. Total Estimated Cost	3005	1874	3080	2491	1452	1714	472	472	573	593	1279	1486	253	1223

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	D22.2 - D 23	D 23 - D 24	D 24 - D 25.0.1	D 25.0.1 - D 25.0.2	D 25.0.2 - D 26.1	D 26.1 - D 26.2	D 26.2 - D 27	D 27 - E 1	E 1 - E 2.1	E 2.1 - E 2.2	E 2.2 - E 3	E 3 - E 4	E 4 - E 5	E 5 - E 6
Section length, miles (0.1 mile)	1.3	1.0	3.6	4.0	2.0	5.6	4.1	5.7	6.3	2.5	5.4	2.5	6.9	5.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	N	N	N	N	N	N	N	N	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	--	--	--	--	--	--	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	4	2	2	2	2	2	2	2	2	2	2
Finance Code	23	23	23	23	23	23	23	23	23	23	23	23	22	22
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	--	--	--	--	--	--	138	39	26	26	16	434	50	83
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	--	--	--	--	--	--	3	10	11	1	98	18	11	1
5. Grade & Drain; minor structures	--	--	--	--	--	--	296	315	287	63	235	160	387	255
6. Base; surfacing; shoulders	--	--	--	--	--	--	332	462	511	203	438	191	499	369
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	71	--	--	--
8. Highway grade separations without ramps	--	---	--	--	--	--	--	--	46	--	60	60	119	--
9. Interchanges, complete	--	--	--	--	--	--	181	--	--	--	167	167	--	335
10. Other bridges; tunnels	--	--	--	--	--	--	48	--	48	--	115	--	--	105
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--	--	--	--	--	--	55	67	62	26	93	38	59	45
13. Roadside improvement	1	1	4	4	2	6	36	6	6	3	11	3	7	5
14. All other items	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1	1	4	4	2	6	951	860	971	296	1288	637	1082	1115
16. Construction Engineering & Contingencies, 10% of line 15	--	--	--	--	--	--	95	86	97	30	129	64	108	112
17. Total Estimated Cost	1	1	4	4	2	6	1184	985	1094	352	1433	1135	1240	1310

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	E 6 - E 7	E 7 - E 8	E 8 - E 9.0.1	E 9.0.1- E 9.0.2	E 9.0.2 - E 9.0.3	E 9.0.3 - E 10	E 10 - E 11	E 11 - E 12	E 12 - E 13	E 13 - E 14	E 14 - E 15.1	E 14 - E 15.1	E 15.1- E 15.2	E 15.1 - E 15.2
Section length, miles (0.1 mile)	7.1	4.9	8.6	6.4	1.2	1.2	1.2	3.0	4.9	2.5	5.2	5.2	1.9	1.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	E	E	E	N	N	N	N	N	E	E	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	2	3	2	3
No. Lanes to be constructed this estimate	2	--	--	--	--	--	--	--	--	--	2	2	2	2
No. through traffic lanes	2	2	2	2	4	2	2	2	2	2	2	2	2	2
Finance Code	22	20	20	20	20	20	20	20	20	20	22	22	22	22
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	79	81	16	16
2. Right-of-way	121	--	--	--	--	--	--	--	--	--	35	35	9	9
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	4	--	--	--	--	--	--	--	--	--	10	10	4	4
5. Grade & Drain; minor structures	550	--	--	--	--	--	--	--	--	--	624	643	102	102
6. Base; surfacing; shoulders	513	--	--	--	--	--	--	--	--	--	376	388	154	154
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	--	--	--	--	--	--	--	--	--	--	181	181	--	--
10. Other bridges; tunnels	105	--	--	--	--	--	--	--	--	--	--	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	83	--	--	--	--	--	--	--	--	--	84	84	17	17
13. Roadside improvement	71	--	--	--	--	--	--	--	--	--	69	69	2	2
14. All other items	16	--	--	--	--	--	--	--	--	--	--	--	--	--
15. Subtotal, lines 3 to 14	1342	--	--	--	--	--	--	--	--	--	1344	1375	279	279
16. Construction Engineering & Contingencies, 10% of line 15	134	--	--	--	--	--	--	--	--	--	134	138	28	28
17. Total Estimated Cost	1597	--	--	--	--	--	--	--	--	--	1592	1629	332	332

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	E 15.2 - F 1	E 15.2 - F 1	F 1 - F 2	F 1 - F 2	F 2 - F 3	F 2 - F 3	F 3 - F 4	F 3 - F 4	F 4 - F 5	F 4 - F 5	F 5 - F 6	F 5 - F 6	F 6 - F 7	F 7 - F 8
Section length, miles (0.1 mile)	6.5	6.5	6.2	6.2	4.9	4.9	3.8	3.8	2.5	2.5	3.9	3.9	2.2	0.2
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	E	E	E	N	N	N	N	E	E	E	E	E	E
Design Code: 1, 2 or 3	2	3	2	3	2	3	2	3	2	3	2	3	1	1
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance Code	22	22	22	22	23	23	23	23	22	22	22	23	22	22
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2. Right-of-way	128	128	244	244	90	90	37	37	44	44	115	115	37	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	15	15	34	34	7	7	5	5	37	37	109	109	3	3
5. Grade & Drain; minor structures	350	446	274	321	223	223	172	172	254	254	185	185	124	--
6. Base; surfacing; shoulders	527	541	503	510	397	397	322	322	203	203	282	282	159	--
7. R.R. grade separations	--	--	--	--	--	--	--	--	179	179	--	--	121	--
8. Highway grade separations without ramps	--	--	--	--	--	--	--	52	--	--	--	70	--	--
9. Interchanges, complete	--	167	--	--	--	--	186	186	--	--	--	--	185	--
10. Other bridges; tunnels	115	115	29	29	381	381	24	24	--	--	--	--	110	683
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	49	49	24	47	55	55	29	29	26	26	30	30	39	--
13. Roadside improvement	7	7	6	6	5	5	4	4	3	3	4	4	66	--
14. All other items	--	--	--	--	--	--	--	--	--	--	10	10	--	--
15. Subtotal, lines 3 to 14	1063	1340	870	947	1068	1068	742	794	702	702	620	690	807	686
16. Construction Engineering & Contingencies, 10% of line 15	106	134	87	95	107	107	74	79	70	70	62	69	81	69
17. Total Estimated Cost	1297	1602	1201	1286	1265	1265	853	910	816	816	797	874	925	755

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

	ITEM	ESTIMATE SECTION													
		F 8 - F 9	F 9 - F 10	F 10 - F 11	F 11 - F 12	F 12 - F 13.1	F 13.1 - F 13.2	F 13.2 - F 14	F 14 - F 15	F 15 - F 16	F 16 - F 17.1	F 17.1 - F 17.2	F 17.2 - F 18	F 18 - F 19	F 19 - F 20
	Section length, miles (0.1 mile)	3.9	7.8	5.6	5.7	1.7	1.7	1.4	0.4	3.0	1.5	2.7	12.8	4.6	4.7
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	E	E	E	E	E	N	N	N	E	E	E	N	E	E
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	--	--	--	--	--
	No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Finance Code	22	22	22	22	22	23	23	23	22	20	20	20	20	20
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2.	Right-of-way	13	40	25	44	--	--	--	--	--	--	--	--	--	--
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4.	Utility adjustments	--	--	1	1	24	24	20	6	42	--	--	--	--	--
5.	Grade & Drain; minor structures	170	271	210	338	99	72	197	--	285	--	--	--	--	--
6.	Base; surfacing; shoulders	282	564	408	414	123	126	101	--	229	--	--	--	--	--
7.	R.R. grade separations	--	--	--	--	--	--	128	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	60	--	--	--	46	52	--	--	--	--	--	--	--	--
9.	Interchanges, complete	--	181	--	181	218	382	170	--	183	--	--	--	--	--
10.	Other bridges; tunnels	34	163	139	125	--	--	--	1750	96	--	--	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	45	89	72	45	25	54	50	--	38	--	--	--	--	--
13.	Roadside improvement	4	8	6	6	2	2	1	--	3	--	--	13	--	--
14.	All other items	--	--	--	10	--	--	--	--	270	--	--	--	--	--
15.	Subtotal, lines 3 to 14	595	1276	836	1120	537	712	667	1756	1146	--	--	13	--	--
16.	Construction Engineering & Contingencies, 10% of line 15	60	128	84	112	54	71	67	176	115	--	--	--	--	--
17.	Total Estimated Cost	668	1444	945	1276	591	783	734	1932	1261	--	--	13	--	--

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 6 OF 6

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION											Sub Total		
	F 20 - F 21											Rural	Urban	Total
Section length, miles (0.1 mile)	5.9											247.2	--	247.2
Class: Rural or Urban	R											xxx	xxx	xxx
Location: Existing, new or toll	E											xxx	xxx	xxx
Design Code: 1, 2 or 3	1											xxx	xxx	xxx
No. Lanes to be constructed this estimate	--											xxx	xxx	xxx
No. through traffic lanes	2											xxx	xxx	xxx
Finance Code	20											xxx	xxx	xxx
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	--											297	--	297
2. Right-of-way	--											2469	--	2469
3. Clear & grub; demolition	--											--	--	--
4. Utility adjustments	--											779	--	779
5. Grade & Drain; minor structures	--											11295	--	11295
6. Base; surfacing; shoulders	--											13239	--	13239
7. R.R. grade separations	--											585	--	585
8. Highway grade separations without ramps	--											1038	--	1038
9. Interchanges, complete	--											4000	--	4000
10. Other bridges; tunnels	--											4579	--	4579
11. Walls	--											--	--	--
12. Guardrail; fencing; lighting; traffic control devices	--											1799	--	1799
13. Roadside improvement	--											489	--	489
14. All other items	--											324	--	324
15. Subtotal, lines 3 to 14	--											38127	--	38127
16. Construction Engineering & Contingencies, 10% of line 15	--											3813	--	3813
17. Total Estimated Cost	--											44706	--	44706

Signatures:

Date: Aug. 1, 1964
State Highway Engineer

E. H. Cowan
Date: Aug. 1, 1964
B.P.R. Division Engineer

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM		ESTIMATE SECTION												
		D 16 - D 17	D 17 - D 18	D 18 - D 19	D 19 - D 20.1	D 20.1 - D 20.2	D 20.2 - D 21.1	D 21.1 - D 21.2	D 21.2 - D 22.1	D 22.1 - D 22.2	D 22.2 - D 23	D 23 - D 24	D 24 - D 25.0.1	D 25.0.1 - D 25.0.2
Section length, miles (0.1 mile)		7.0	8.4	10.1	6.8	1.9	3.4	7.0	1.0	4.0	1.3	1.0	3.6	4.0
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	N	E	E	E	E	E	N	N	N	N	N
Design Code: 1 or 3		1	3	1	3	3	3	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		4	4	2	2	2	2	2	2	2	--	--	--	--
No. through traffic lanes		4	4	2	2	2	2	2	2	2	2	2	2	4
Finance code		23	23	23	22	22	22	22	22	23	23	23	23	23
No. of terminated cross roads		--	1	13	5	1	1	3	--	3	--	--	--	--
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	3	2
WORK CLASSIFICATION Item No. from Table C		ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations	Cost	--	--	86	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	1	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	99	79	176	--	--	--	119	--	--	--	--	--	--
No. for which costs estimated		1	1	3	--	--	--	2	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	214	206	181	167	--	--	--	--	348	--	--	--	--
No. for which costs estimated		1	1	1	1	--	--	--	--	2	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	1	--	--
10. Other bridges: tunnels	Cost	32	111	146	131	29	60	--	--	--	--	--	--	--
No. for which costs estimated		1	1	2	4	1	1	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	1	--	--	--
Total Structures	Cost	345	396	589	298	29	60	119	--	348	--	--	--	--
No. for which costs estimated		3	3	7	5	1	1	2	--	2	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	1	1	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM		ESTIMATE SECTION												
		D 25.0.2 - D 26.1	D 26.1 - D 26.2	D 26.2 - D 27	D 27 - E 1	E 1 - E 2.1	E 2.1 - E 2.2	E 2.2 - E 3	E 3 - E 4	E 4 - E 5	E 5 - E 6	E 6 - E 7	E 7 - E 8	E 8 - E 9.0.1
Section length, miles (0.1 mile)		2.0	5.6	4.1	5.7	6.3	2.5	5.4	2.5	6.9	5.0	7.1	4.9	8.6
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		N	N	N	N	N	N	N	N	E	E	E	E	E
Design Code: 1 or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		--	--	2	2	2	2	2	2	2	2	2	--	--
No. through traffic lanes		2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code		23	23	23	23	23	23	23	23	22	22	22	20	20
No. of terminated cross roads		--	2	--	--	--	--	3	--	1	5	--	--	2
No. of intersections at grade		--	3	2	2	2	2	--	--	--	--	2	2	3
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	--	71	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	1	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	46	--	60	60	119	--	--	--	--
No. for which costs estimated		--	--	--	--	1	--	1	1	2	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	181	--	--	--	167	167	--	335	--	--	--
No. for which costs estimated		--	--	1	--	--	--	1	1	--	2	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	1
No. in authorized status - cost = zero		--	1	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	48	--	48	--	115	--	--	105	105	--	--
No. for which costs estimated		--	--	1	--	1	--	2	--	--	2	2	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	1	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	--	229	--	94	--	413	227	119	440	105	--	--
No. for which costs estimated		--	--	2	--	2	--	5	2	2	4	2	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	1	1
No. in authorized status - cost = zero		--	1	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM		ESTIMATE SECTION												
		E 9.0.1 - E 9.0.2	E 9.0.2 - E 9.0.3	E 9.0.3 - E 10	E 10- E 11	E 11- E 12	E 12 - E 13	E 13 - E 14	E 14 - E 15.1	E 15.1 - E 15.2	E 15.2 - F 1	F 1 - F 2	F 2 - F 3	F 3 - F 4
Section length, miles (0.1 mile)		6.4	1.2	1.2	1.2	3.0	4.9	2.5	5.2	1.9	6.5	6.2	4.9	3.8
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		E	E	N	N	N	N	N	E	E	E	E	N	N
Design Code: 1 or 3		1	1	1	1	1	1	1	3	3	3	3	3	3
No. Lanes to be constructed this estimate		--	--	--	--	--	--	2	2	2	2	2	2	2
No. through traffic lanes		2	4	2	2	2	2	2	2	2	2	2	2	2
Finance code		20	20	20	20	20	20	20	22	22	22	22	23	23
No. of terminated cross roads		--	--	--	--	--	1	--	5	--	1	1	--	3
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION Item No. from Table C				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations	Cost	--	--	--	--	--	--	--	--	--	--	--	--	--
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	--	--	--	--	--	--	--	--	--	--	--	52
No. for which costs estimated		--	--	--	--	--	--	--	--	--	--	--	--	1
No. in service - cost = zero		--	--	1	1	2	1	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	--	--	--	--	--	181	--	167	--	--	186
No. for which costs estimated		--	--	--	--	--	--	--	1	--	1	--	--	1
No. in service - cost = zero		1	1	--	1	1	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	--	--	--	--	--	--	--	115	29	381	24
No. for which costs estimated		--	--	--	--	--	--	--	--	--	2	1	1	1
No. in service - cost = zero		--	--	1	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	--	--	--	--	--	--	--	181	--	282	29	381	262
No.for which costs estimated		--	--	--	--	--	--	--	1	--	3	1	1	3
No.in service - cost = zero		1	1	2	2	3	1	--	--	--	--	--	--	--
No.in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 5

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM		ESTIMATE SECTION												
		F 4 - F 5	F 5 - F 6	F 6 - F 7	F 7 - F 8	F 8 - F 9	F 9 - F 10	F 10 - F 11	F 11 - F 12	F 12 - F 13.1	F 13.1 - F 13.2	F 13.2 - F 14	F 14 - F 15	F 15 - F 16
Section length, miles (0.1 mile)		2.5	3.9	2.2	0.2	3.9	7.8	5.6	5.7	1.7	1.7	1.4	0.4	3.0
Class: Rural or Urban		R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll		E	E	E	E	E	E	E	E	E	N	N	N	E
Design Code: 1 or 3		3	3	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes		2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code		22	23	22	22	22	22	22	22	22	23	23	23	22
No. of terminated cross roads		1	--	1	--	1	1	2	2	--	1	--	--	1
No. of intersections at grade		--	--	--	--	--	--	--	--	--	--	--	--	--
WORK CLASSIFICATION				ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
Item No. from Table C														
7. R.R. grade separations	Cost	179	--	121	--	--	--	--	--	--	--	128	--	--
No. for which costs estimated		1	--	1	--	--	--	--	--	--	--	1	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	Cost	--	70	--	--	60	--	--	--	46	52	--	--	--
No. for which costs estimated		--	1	--	--	1	--	--	--	1	1	--	--	--
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
9. Interchanges, complete	Cost	--	--	185	--	--	181	--	181	218	382	170	--	183
No. for which costs estimated		--	--	1	--	--	1	--	1	1	1	1	--	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
10. Other bridges: tunnels	Cost	--	--	110	683	34	163	139	125	--	--	--	1750	96
No. for which costs estimated		--	--	1	1	1	2	3	5	--	--	--	1	1
No. in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No. in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
Total Structures	Cost	179	70	416	683	94	344	139	306	264	434	298	1750	279
No.for which costs estimated		1	1	3	1	2	3	3	6	2	2	2	1	2
No.in service - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--
No.in authorized status - cost = zero		--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 5 OF 5

STATE MONTANA

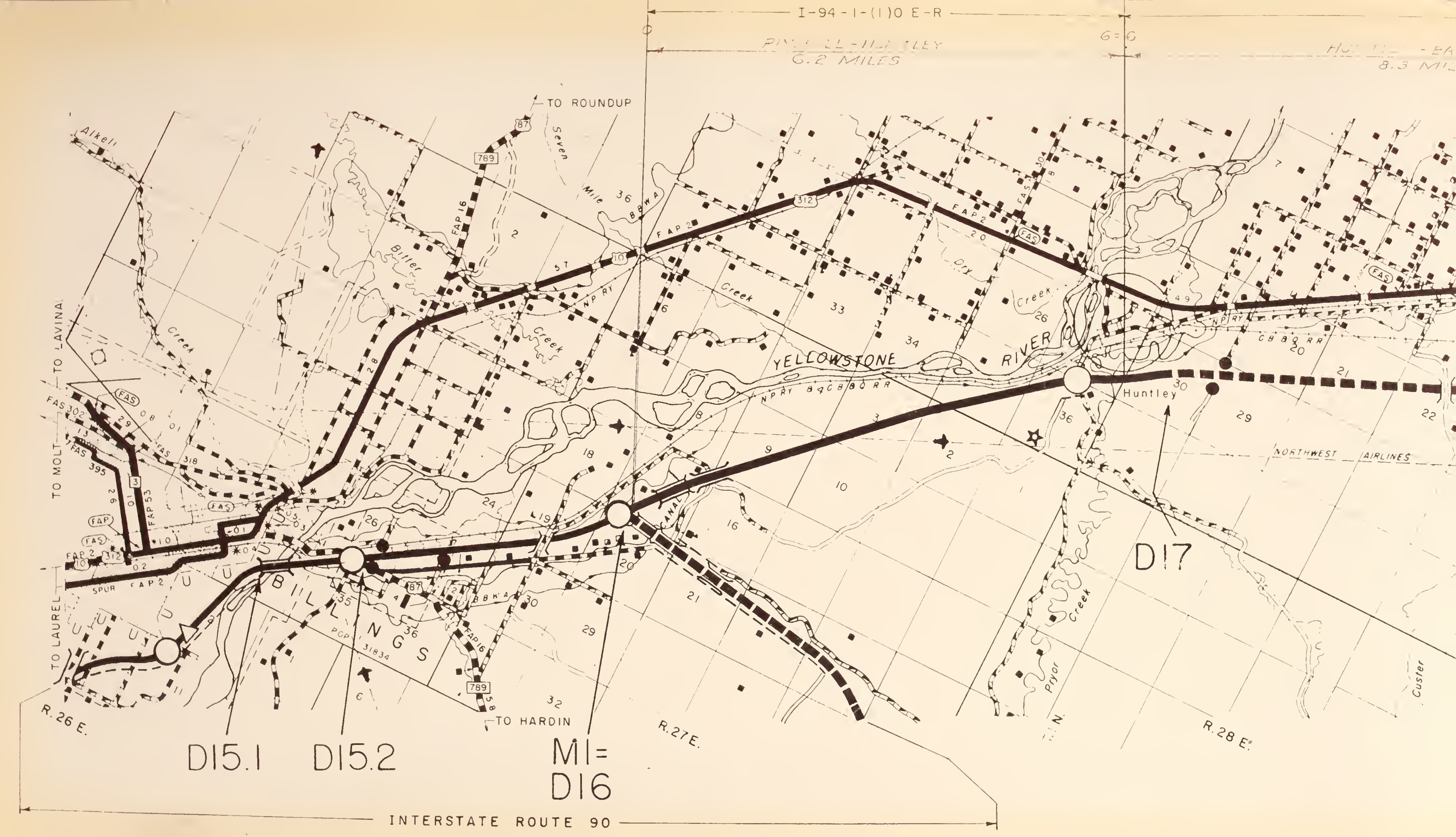
INTERSTATE ROUTE NO. 94

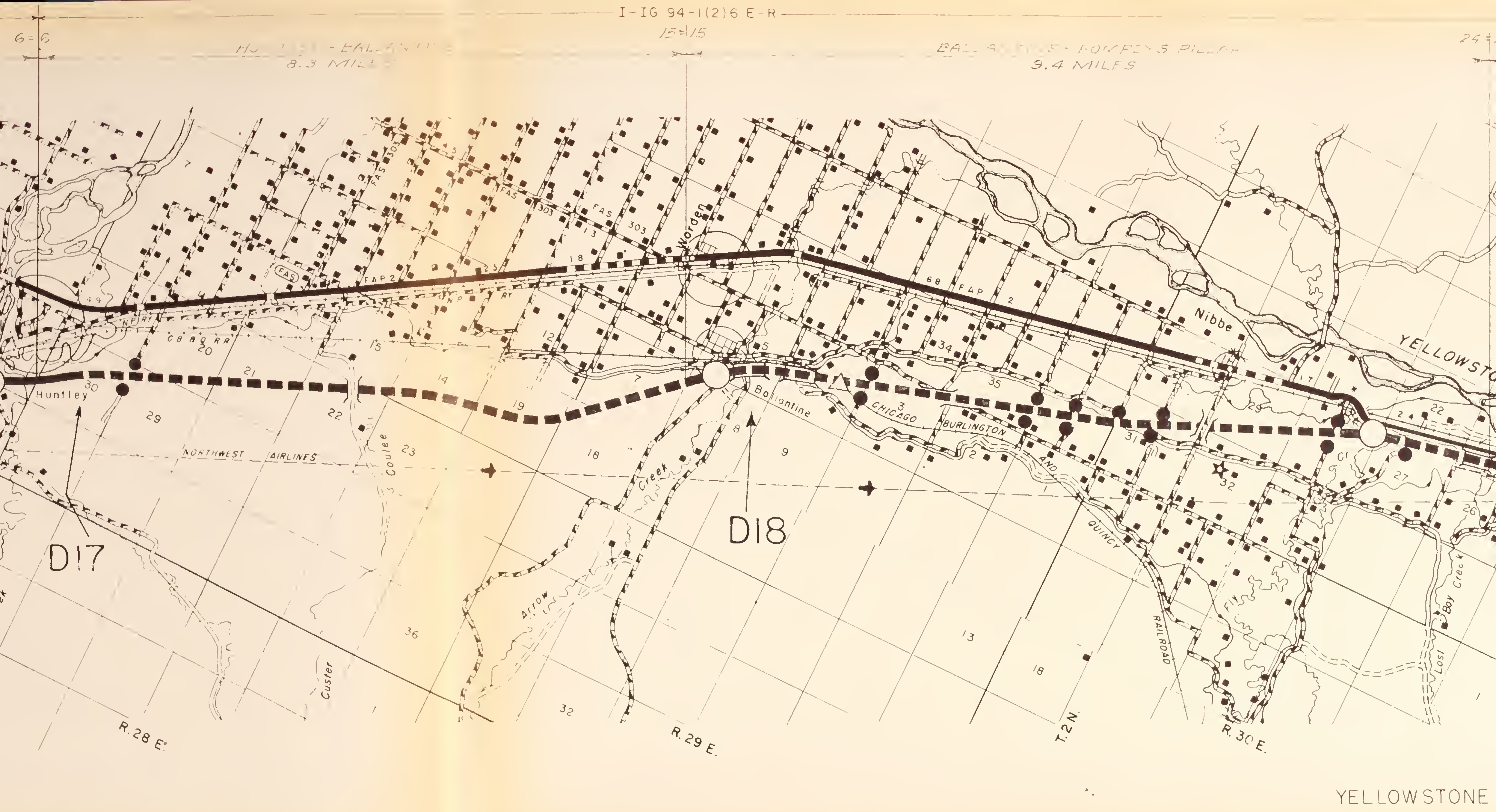
ITEM	ESTIMATE SECTION										Sub Totals		
	F 16 - F 17.1	F 17.1 - F 17.2	F 17.2 - F 18	F 18 - F 19	F 19 - F 20	F 20 - F 21					Rural	Urban	Total
Section length, miles (0.1 mile)	1.5	2.7	12.8	4.6	4.7	5.9					247.2	--	247.2
Class: Rural or Urban	R	R	R	R	R	R					xxx	xxx	xxx
Location: Existing, new or toll	E	E	N	E	E	E					xxx	xxx	xxx
Design Code: 1 or 3	1	1	1	1	1	1					xxx	xxx	xxx
No. Lanes to be constructed this estimate	--	--	--	--	--	--					xxx	xxx	xxx
No. through traffic lanes	2	2	2	2	2	2					xxx	xxx	xxx
Finance code	20	20	20	20	20	20					xxx	xxx	xxx
No. of terminated cross roads	--	--	8	6	1	2					78	--	78
No. of intersections at grade	--	3	8	8	7	8					57	--	57
WORK CLASSIFICATION Item No. from Table C	ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES												
7. R.R. grade separations Cost	--	--	--	--	--	--					585	--	585
No. for which costs estimated	--	--	--	--	--	--					5	--	5
No. in service - cost = zero	--	--	--	--	--	--					--	--	--
No. in authorized status - cost = zero	--	--	--	--	--	--					--	--	--
8. Highway grade separations without ramps Cost	--	--	--	--	--	--					1038	--	1038
No. for which costs estimated	--	--	--	--	--	--					17	--	17
No. in service - cost = zero	--	--	--	--	--	--					5	--	5
No. in authorized status - cost = zero	--	--	--	--	--	--					--	--	- --
9. Interchanges, complete Cost	--	--	--	--	--	--					4000	--	4000
No. for which costs estimated	--	--	--	--	--	--					21	--	21
No. in service - cost = zero	--	--	--	--	2	--					7	--	7
No. in authorized status - cost = zero	--	--	1	--	--	--					3	--	3
10. Other bridges: tunnels Cost	--	--	--	--	--	--					4579	--	4579
No. for which costs estimated	--	--	--	--	--	--					38	--	38
No. in service - cost = zero	--	--	--	--	1	--					3	--	3
No. in authorized status - cost = zero	--	--	1	--	--	--					2	--	2
Total Structures Cost	--	--	--	--	--	--					10202	--	10202
No.for which costs estimated	--	--	--	--	--	--					81	--	81
No.in service - cost = zero	--	--	--	--	3	--					15	--	15
No.in authorized status - cost = zero	--	--	2	--	--	--					5	--	5

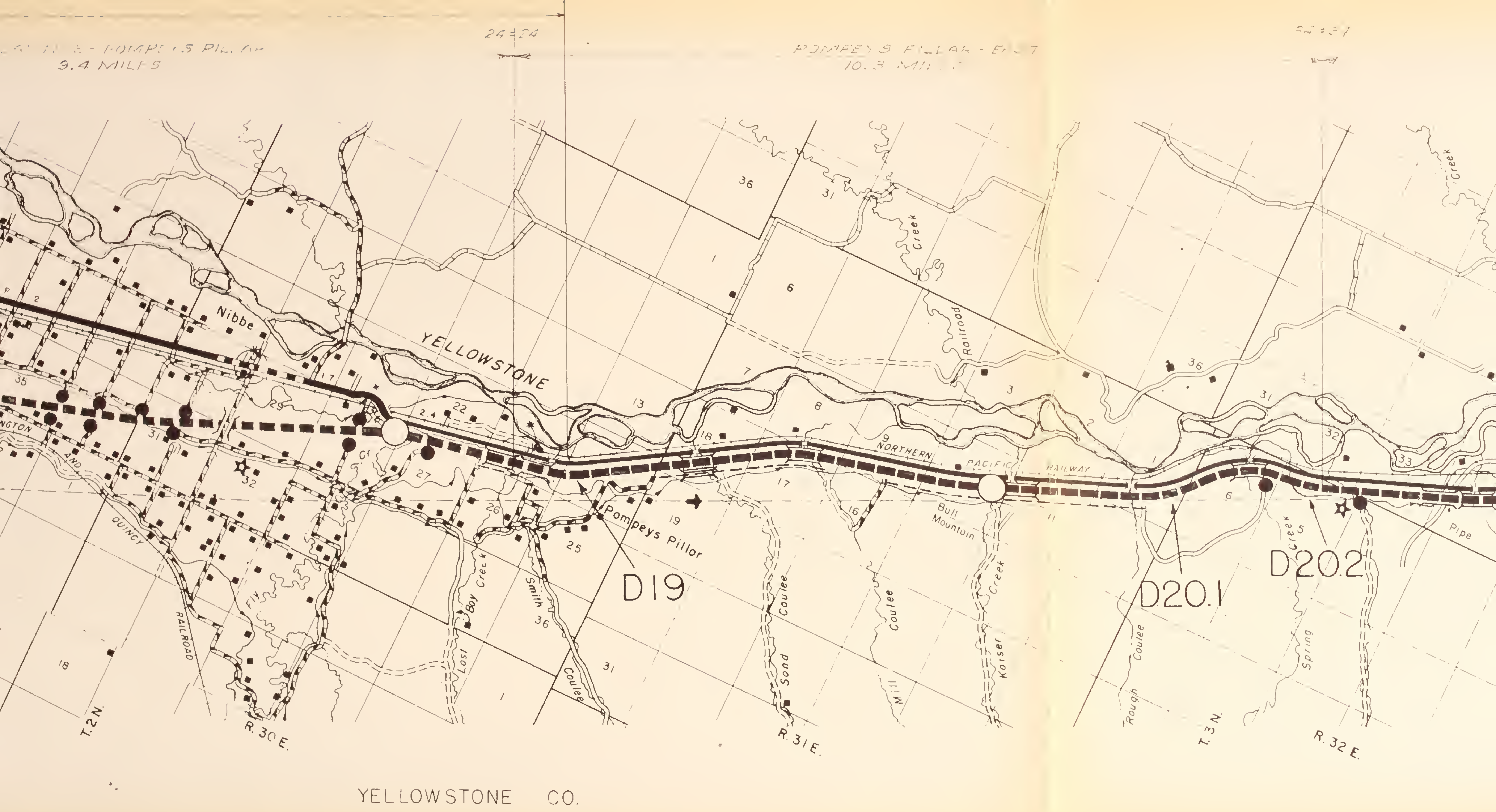
Signatures:

Date: Aug. 1, 1964
State Highway Engineer

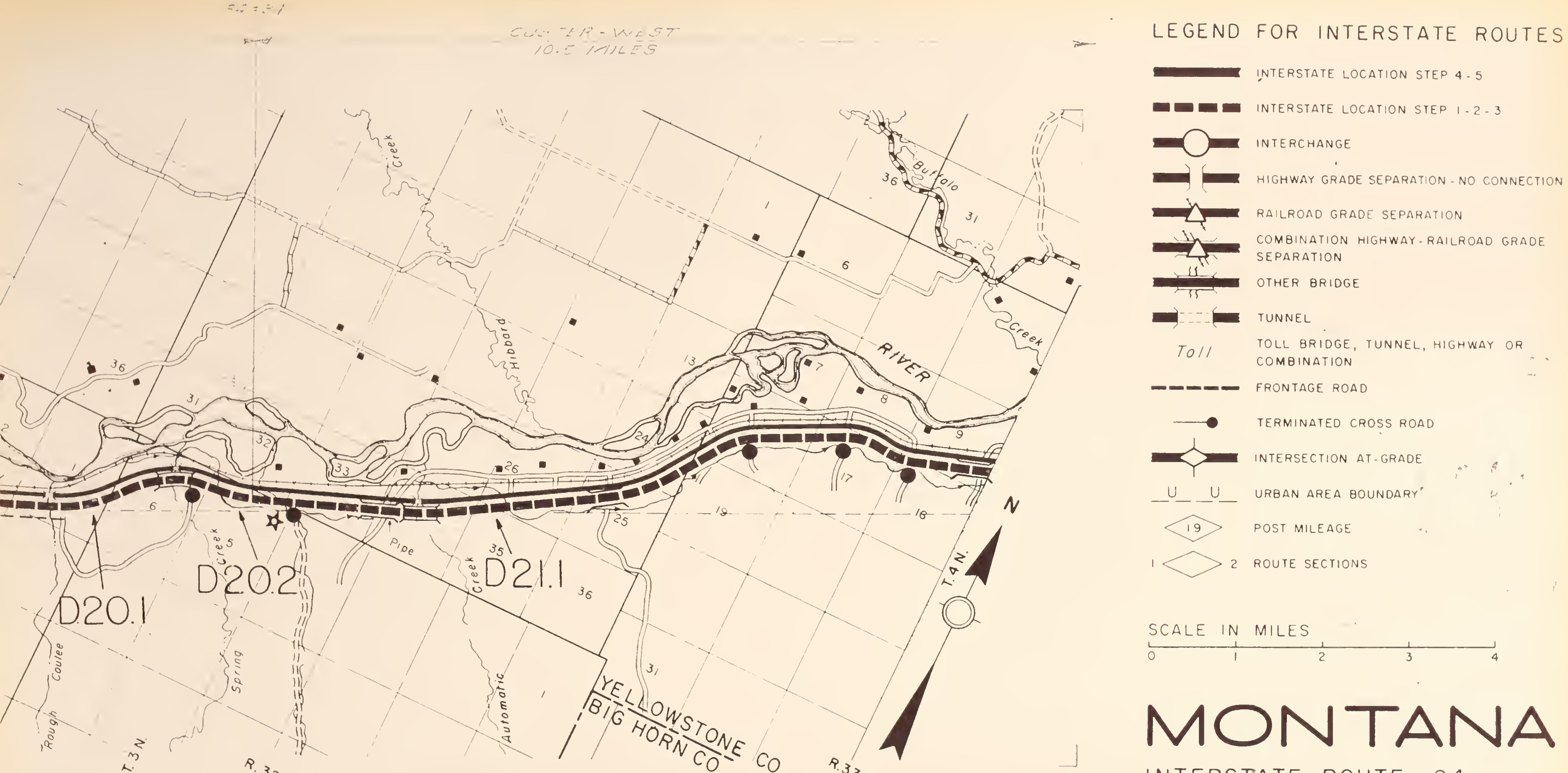
E. H. Cowan Date: Aug. 1, 1964
B.P.R. Division Engineer


I-94-I-(I)0 E-R
6=6
G.2 MILES
8.3 MI
TO ROUNDUP
Alkeli
87
789
Seven
Mile
36
BBWA
FAP 16
FAP 2
312
10
57
NP RY
Bitter
Creek
2
6
28
33
34
Dry
Creek
26
FAS
304
20
49
7
YELLOWSTONE
RIVER
NPRY & CB & Q RR
CB & Q RR
Huntley
30
29
21
22
36
NORTHWEST
AIRLINES
TO LAVINA
TO MOLT
FAS 302
FAS 395
FAS 318
FAP 53
FAP
FAS
13
3
8
24
18
9
3
10
L19
CANAL
16
20
21
29
30
32
35
36
BILLINGS
POP. 31834
SPUR FAP 2
87
BBWA
FAP 16
789
TO HARDIN
TO LAUREL
Pryor
Creek
Custer
R. 26 E.
R. 27 E.
R. 28 E.
D17
D15.1
D15.2
M1=
D16
INTERSTATE ROUTE 90


I-IG 94-1(2)6 E-R
6=6
15=15
24=
HUNTLEY - BALLANTINE
8.3 MILES
BALLANTINE - POMPEYS PILLAR
9.4 MILES
FAS 303
FAS 303
FAS 303
FAS
FAP 2
FAP 2
N P RY
N P RY
C B & Q RR
Worden
Huntley
Ballantine
Nibbe
YELLOWSTONE
CHICAGO BURLINGTON AND QUINCY RAILROAD
NORTHWEST AIRLINES
Coulee
Creek
Arrow
Custer
Fly
Lost Boy Creek
D17
D18
R. 28 E.
R. 29 E.
R. 30 E.
T. 2 N.
YELLOWSTONE



POMPEYS PILLAR
9.4 MILES
24=24
POMPEYS PILLAR - EAST
10.3 MILES
YELLOWSTONE
Nibbe
NORTHERN PACIFIC RAILWAY
Pompeys Pillar
Bull Mountain
D19
D20.1
D20.2
Lost Boy Creek
Smith Coulee
Sand Coulee
Mill Coulee
Kaiser Creek
Rough Coulee
Spring Creek
Railroad Creek
Creek
Pipe
Fly
RAILROAD
QUINCY
AND
T. 2 N.
R. 30 E.
R. 31 E.
T. 3 N.
R. 32 E.
YELLOWSTONE CO.

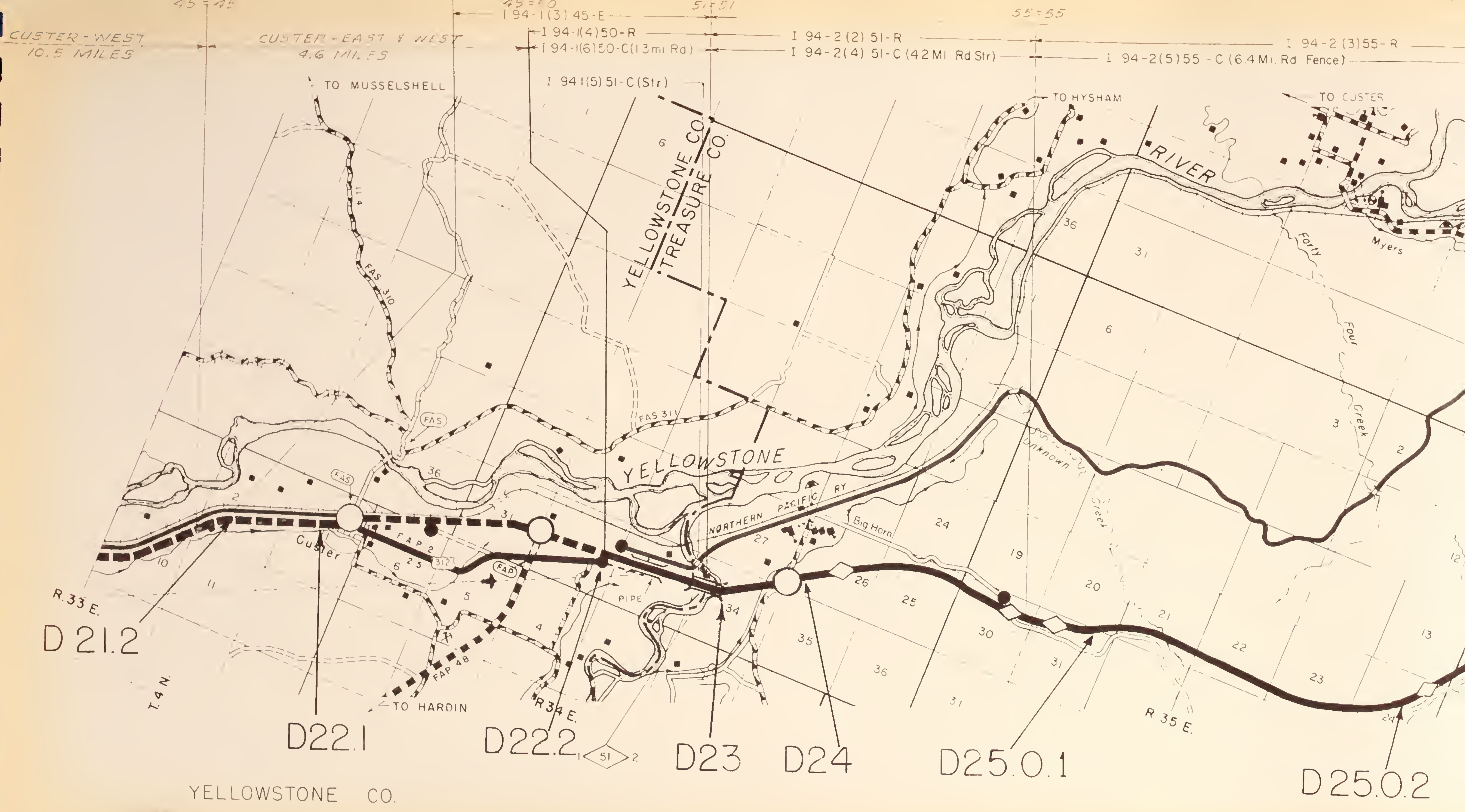


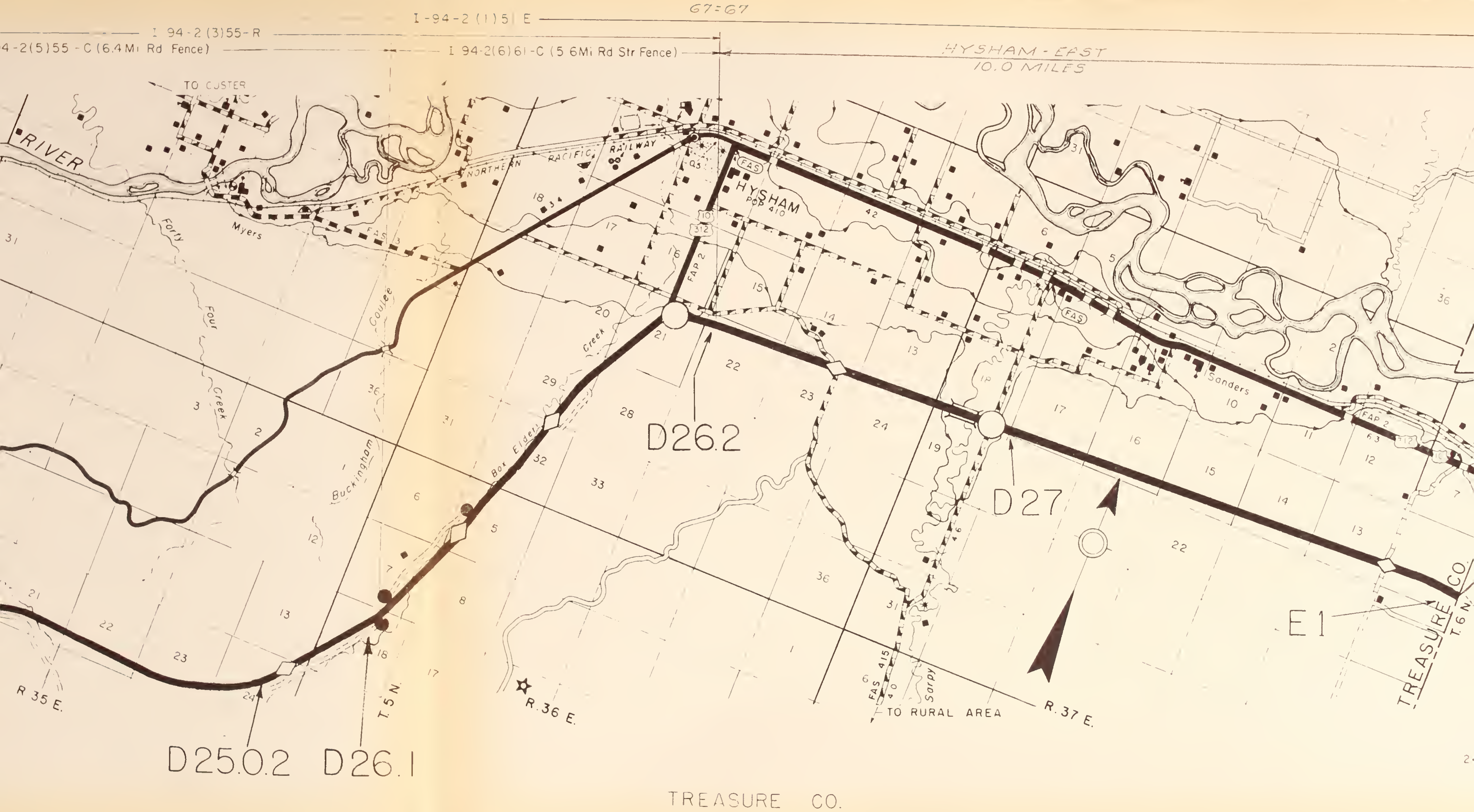
MONTANA

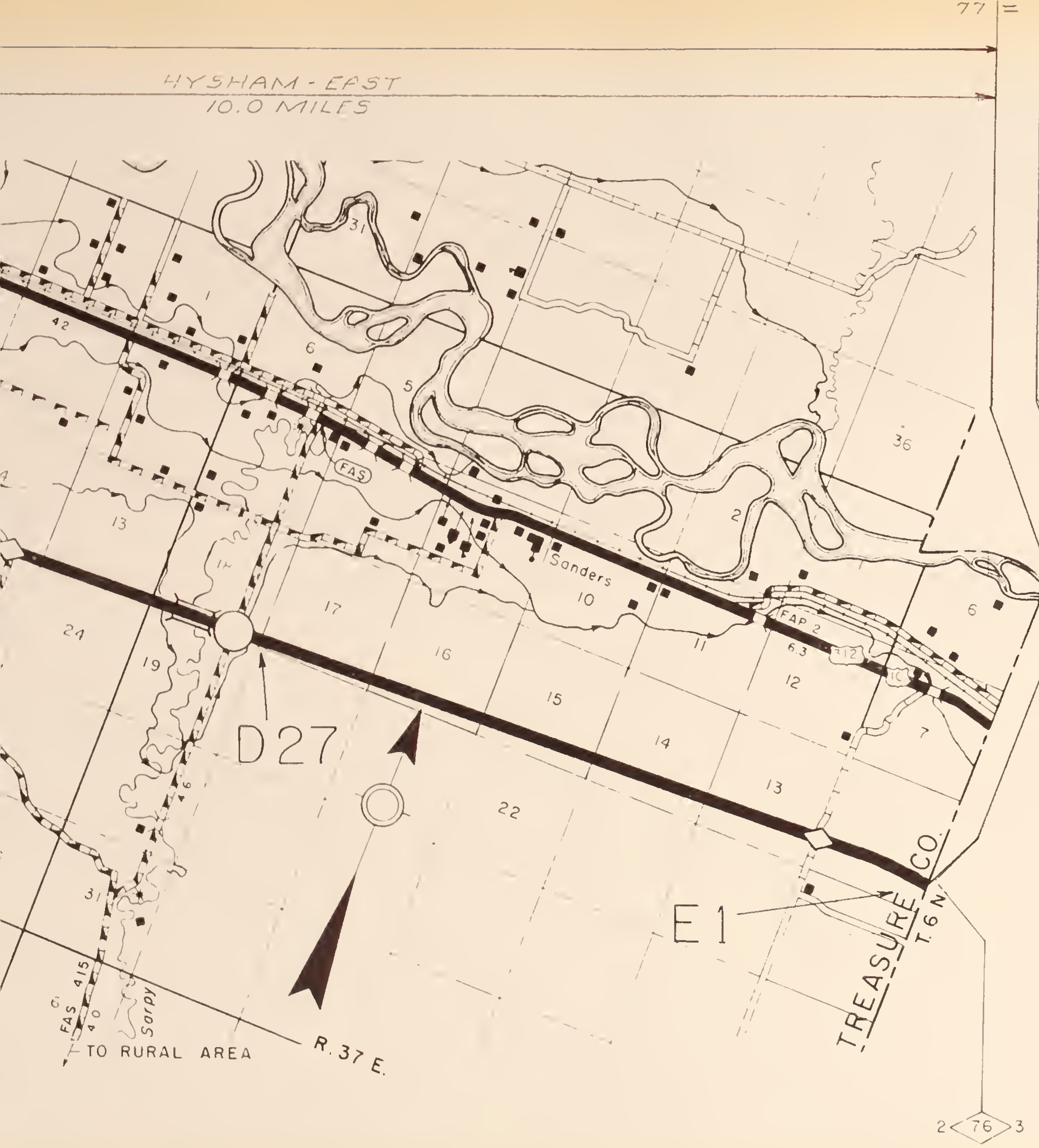
INTERSTATE ROUTE 94

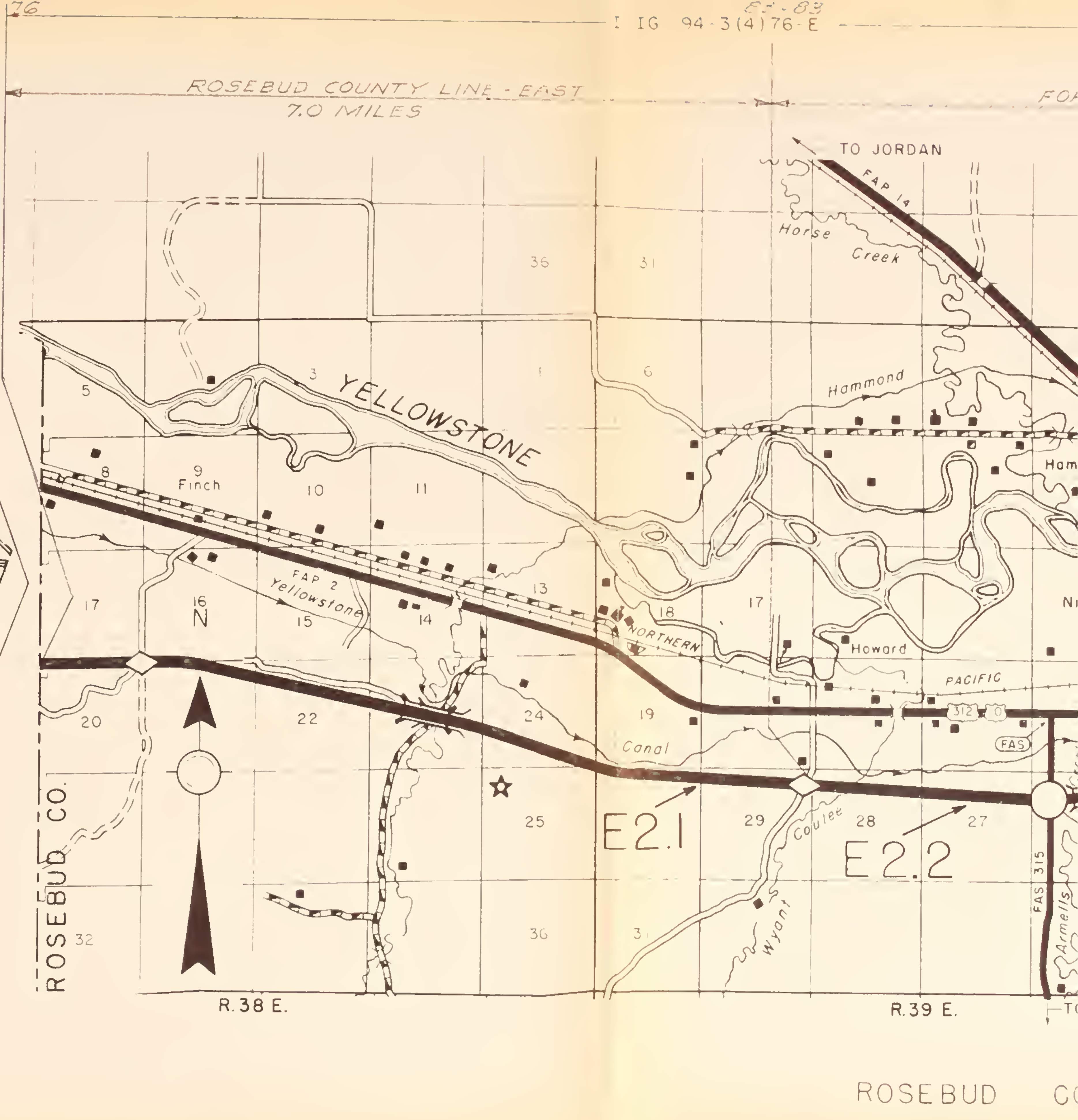
Sheet 1 of 5

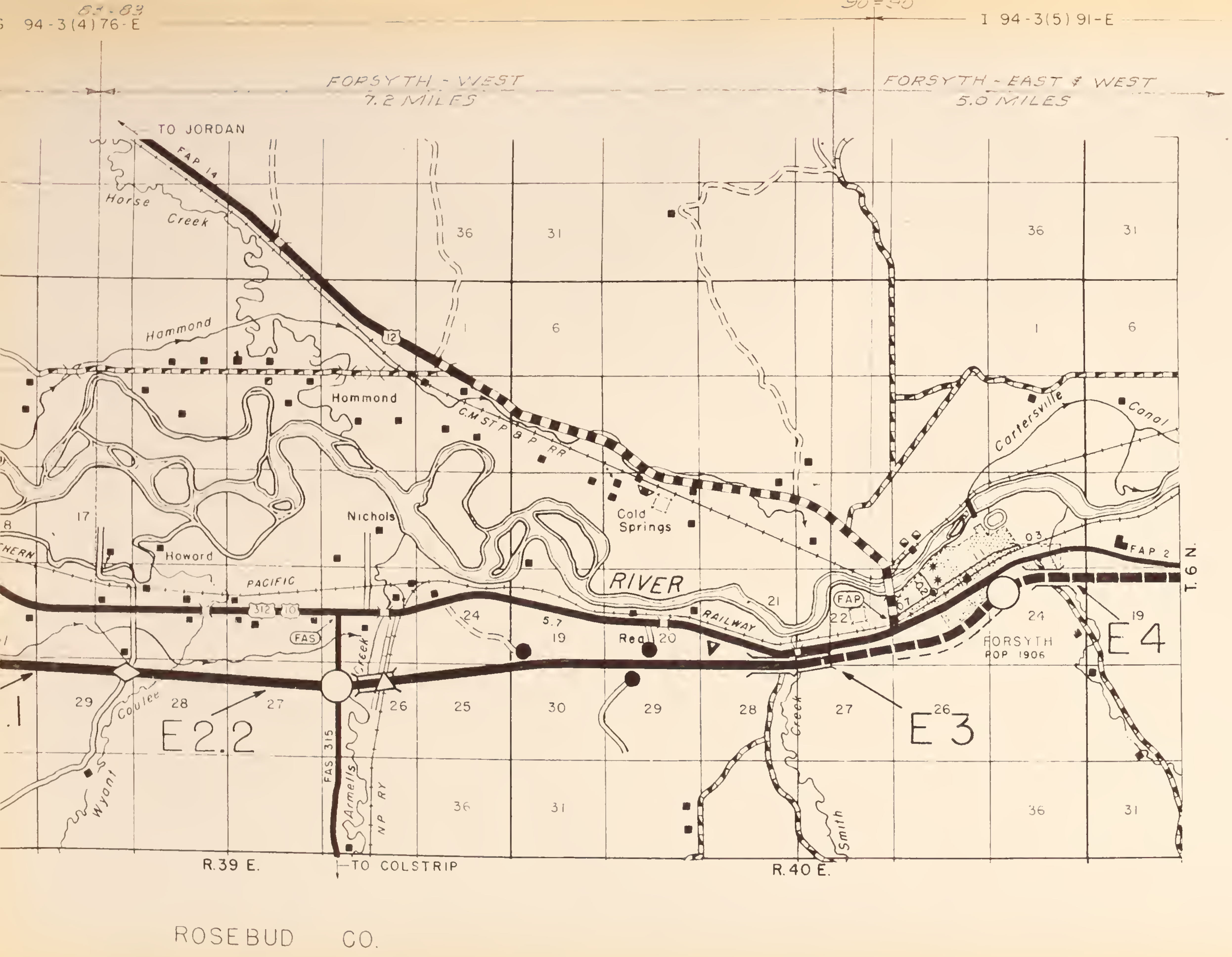
Date January 1, 1964


45 = 45
I 94-1(3) 45-E
51 = 51
55 = 55
CUSTER-WEST 10.5 MILES
CUSTER-EAST & WEST 4.6 MILES
I 94-1(4)50-R
I 94-1(6)50-C(1.3 mi Rd)
I 94-2(2) 51-R
I 94-2(4) 51-C (4.2 MI Rd Str)
I 94-2(3)55-R
I 94-2(5)55 - C (6.4 Mi. Rd Fence)
I 94 1(5) 51-C (Str)
TO MUSSELSHELL
TO HYSHAM
TO CUSTER
YELLOWSTONE CO.
TREASURE CO.
RIVER
YELLOWSTONE
Myers
Forty
Four
Creek
Unknown
Creek
FAS 310
FAS 311
FAS
FAS
FAP 2
312
FAP
FAP 48
NORTHERN PACIFIC RY
Big Horn
Custer
PIPE
TO HARDIN
R.33 E.
R 34 E.
R 35 E.
T.4 N.
51
D 21.2
D22.1
D22.2
D23
D24
D25.0.1
D25.0.2
YELLOWSTONE CO.


67=67
I-94-2(1)51 E
I 94-2(3)55-R
94-2(5)55 -C (6.4 Mi Rd Fence)
I 94-2(6)61-C (5.6 Mi Rd Str Fence)
HYSHAM - EAST
10.0 MILES
TO CUSTER
RIVER
NORTHERN PACIFIC RAILWAY
FAS
HYSHAM
POP 410
10
312
FAP 2
FAS 3
Myers
Forty
Four
Creek
Coulee
Buckingham
Box Elder
Creek
Sanders
FAP 2
FAS 415
FAS 40
Sarpy
TO RURAL AREA
D26.2
D27
D25.0.2
D26.1
E1
T.5 N.
T.6 N.
R 35 E.
R.36 E.
R.37 E.
TREASURE CO.
TREASURE CO.


77 =
HYSHAM - EAST
10.0 MILES
YELLOWSTONE
Sanders
FAS
FAP 2
6.3
12
10
D27
E1
TREASURE CO.
T. 6 N.
FAS 415
Sarpy
TO RURAL AREA
R. 37 E.
2 76 3
31
42
6
5
36
2
13
14
17
24
19
16
15
12
11
14
13
22
7
6
31
10
1
0.


76
85-83
I IG 94-3(4)76-E
ROSEBUD COUNTY LINE - EAST
7.0 MILES
FOR
TO JORDAN
FAP 14
Horse
Creek
YELLOWSTONE
Hammond
Ham
Finch
FAP 2
Yellowstone
N
NORTHERN
PACIFIC
Howard
312
10
FAS
Canal
Coulee
Wyant
E2.1
E2.2
FAS 315
Armells
ROSEBUD CO.
R. 38 E.
R. 39 E.
TO
ROSEBUD CO
36
31
5
3
1
6
8
9
10
11
17
16
15
14
13
18
17
20
22
24
19
25
29
28
27
32
30
31



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

SCALE IN MILES

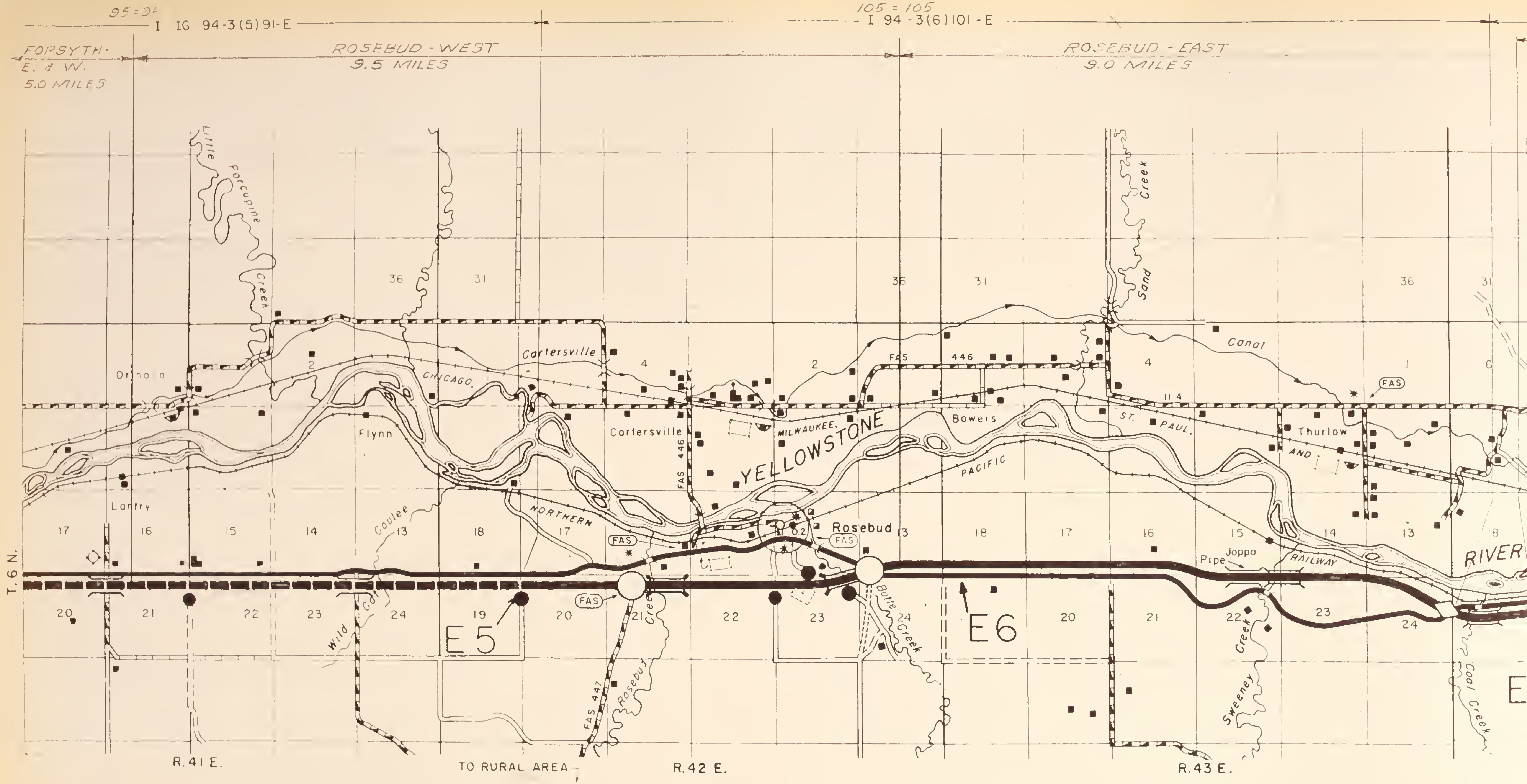
0 1 2 3 4

MONTANA

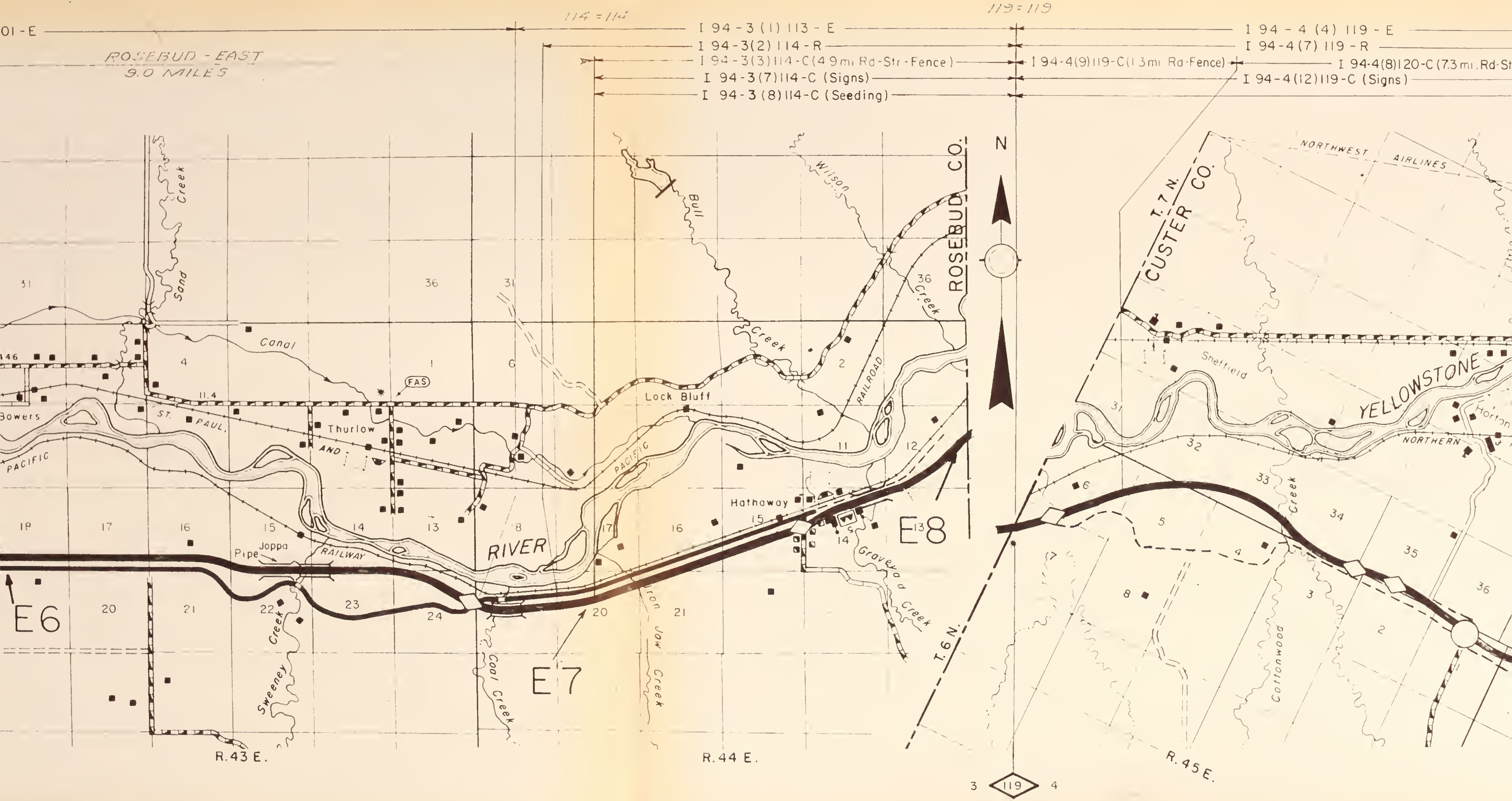
INTERSTATE ROUTE 94

Sheet 2 of 5

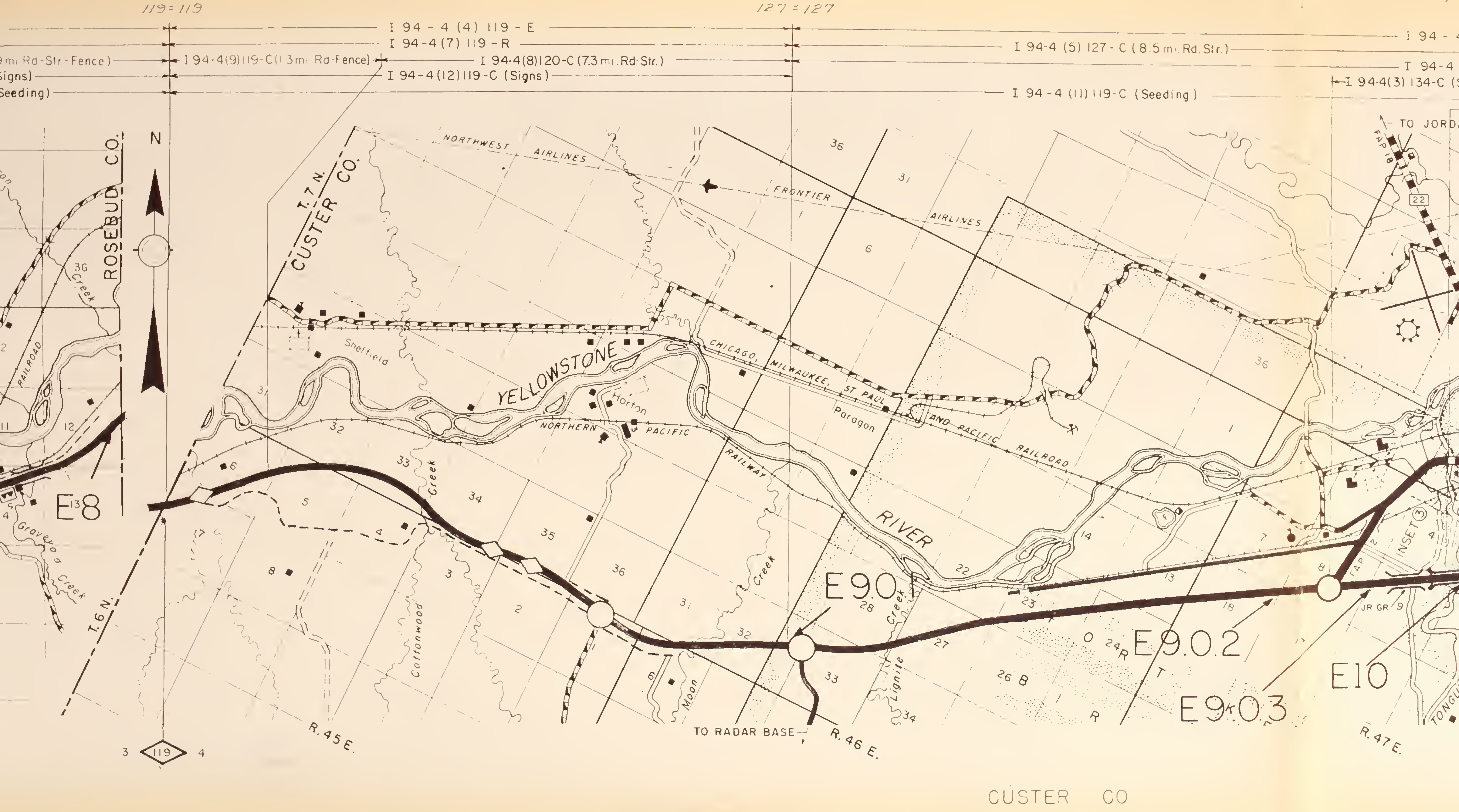
Date January 1, 1964


95=9?
I IG 94-3(5)91-E
105 = 105
I 94-3(6)101-E
FORSYTH E. & W. 5.0 MILES
ROSEBUD - WEST 9.5 MILES
ROSEBUD - EAST 9.0 MILES
Little Porcupine Creek
Sand Creek
36
31
36
31
36
31
Cartersville
Orinoco
2
4
2
FAS 446
4
1
6
Canal
FAS
114
CHICAGO,
MILWAUKEE,
ST. PAUL,
AND
PACIFIC
NORTHERN
RAILWAY
Flynn
Cartersville
FAS 446
YELLOWSTONE
RIVER
Bowers
Thurlow
Lantry
Coulee
17
16
15
14
13
18
17
13
18
17
16
15
14
13
8
FAS
62
Rosebud
FAS
Pipe
Joppa
T. 6 N.
20
21
22
23
24
19
20
21
22
23
24
20
21
22
23
24
Wild Coulee
E5
E6
FAS
Rosebud Creek
Butte Creek
Sweeney Creek
Cool Creek
FAS 447
R. 41 E.
TO RURAL AREA
R. 42 E.
R. 43 E.
E

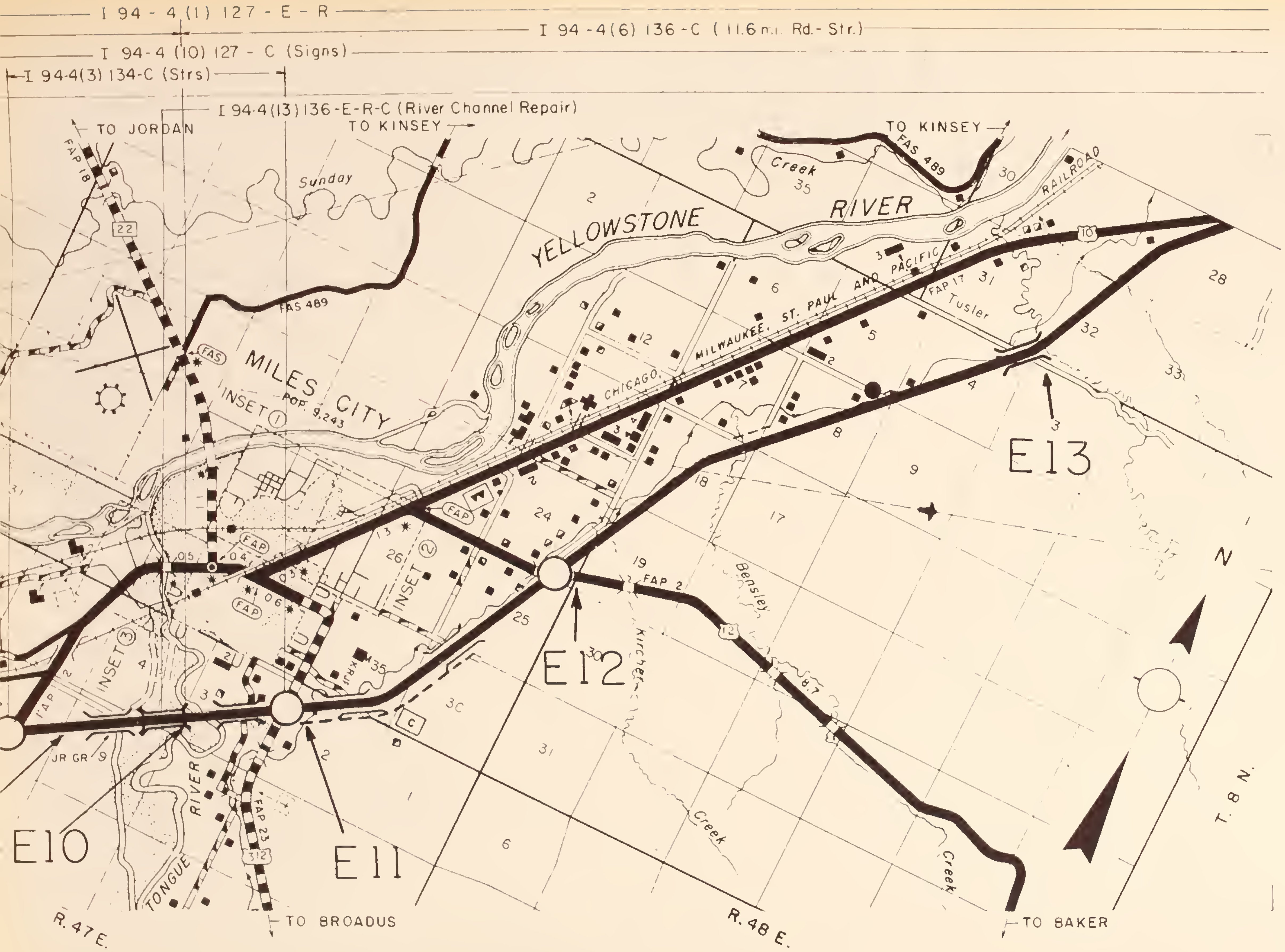
ROSEBUD CO.


114 = 114
119 = 119
01 - E
I 94 - 3 (1) 113 - E
I 94 - 4 (4) 119 - E
I 94 - 3(2) 114 - R
I 94 - 4(7) 119 - R
I 94 - 3(3) 114 - C(4.9 mi. Rd-Str-Fence)
I 94 - 4(9) 119 - C(1.3 mi. Rd-Fence)
I 94-4(8) 120-C (7.3 mi. Rd-St
I 94 - 3(7) 114 - C (Signs)
I 94 - 4(12) 119 - C (Signs)
I 94 - 3 (8) 114 - C (Seeding)
ROSEBUD - EAST
9.0 MILES
Sand Creek
Bull Creek
Wilson
Creek
ROSEBUD CO.
CUSTER CO.
N
T. 7 N.
T. 6 N.
NORTHWEST AIRLINES
Canal
FAS
Lock Bluff
Thurlow
Bowers
ST. PAUL AND PACIFIC RAILROAD
PACIFIC
RAILWAY
RIVER
YELLOWSTONE
NORTHERN
Sheffield
Horton
Hathaway
Pipe
Joppa
Graveyard Creek
Sweeney Creek
Cool Creek
Iron Jaw Creek
Cottonwood
Creek
E6
E7
E8
R. 43 E.
R. 44 E.
R. 45 E.
3
119
4
31
36
31
4
1
6
2
36
11
12
18
17
16
15
14
13
8
17
16
15
14
13
20
21
22
23
24
20
21
32
33
34
35
36
6
5
4
7
8
3
2
11.4
146

ROSEBUD CO.



119=119
127=127
I 94 - 4 (4) 119 - E
I 94 - 4 (7) 119 - R
I 94-4 (5) 127 - C (8.5 mi. Rd. Str.)
mi. Rd-Str-Fence)
I 94-4(9) 119-C(1.3 mi. Rd-Fence)
I 94-4(8)120-C (7.3 mi. Rd-Str.)
Signs)
I 94-4(12) 119-C (Signs)
Seeding)
I 94-4 (11) 119-C (Seeding)
I 94 - 4
I 94-4(3) 134-C (S
TO JORD
FAP 18
22
N
ROSEBUD CO.
T. 7 N.
CUSTER CO.
T. 6 N.
NORTHWEST AIRLINES
FRONTIER AIRLINES
YELLOWSTONE
RIVER
Sheffield
Horton
Paragon
CHICAGO, MILWAUKEE, ST PAUL AND PACIFIC RAILROAD
NORTHERN PACIFIC RAILWAY
RAILROAD
Creek
Graveyard Creek
Cottonwood
Moon
Lignite
E8
E9.0.1
E9.0.2
E9.0.3
E10
INSET 3
JR GR
TAP 2
TONGU
TO RADAR BASE
R. 45 E.
R. 46 E.
R. 47 E.
119
3
4
CUSTER CO



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

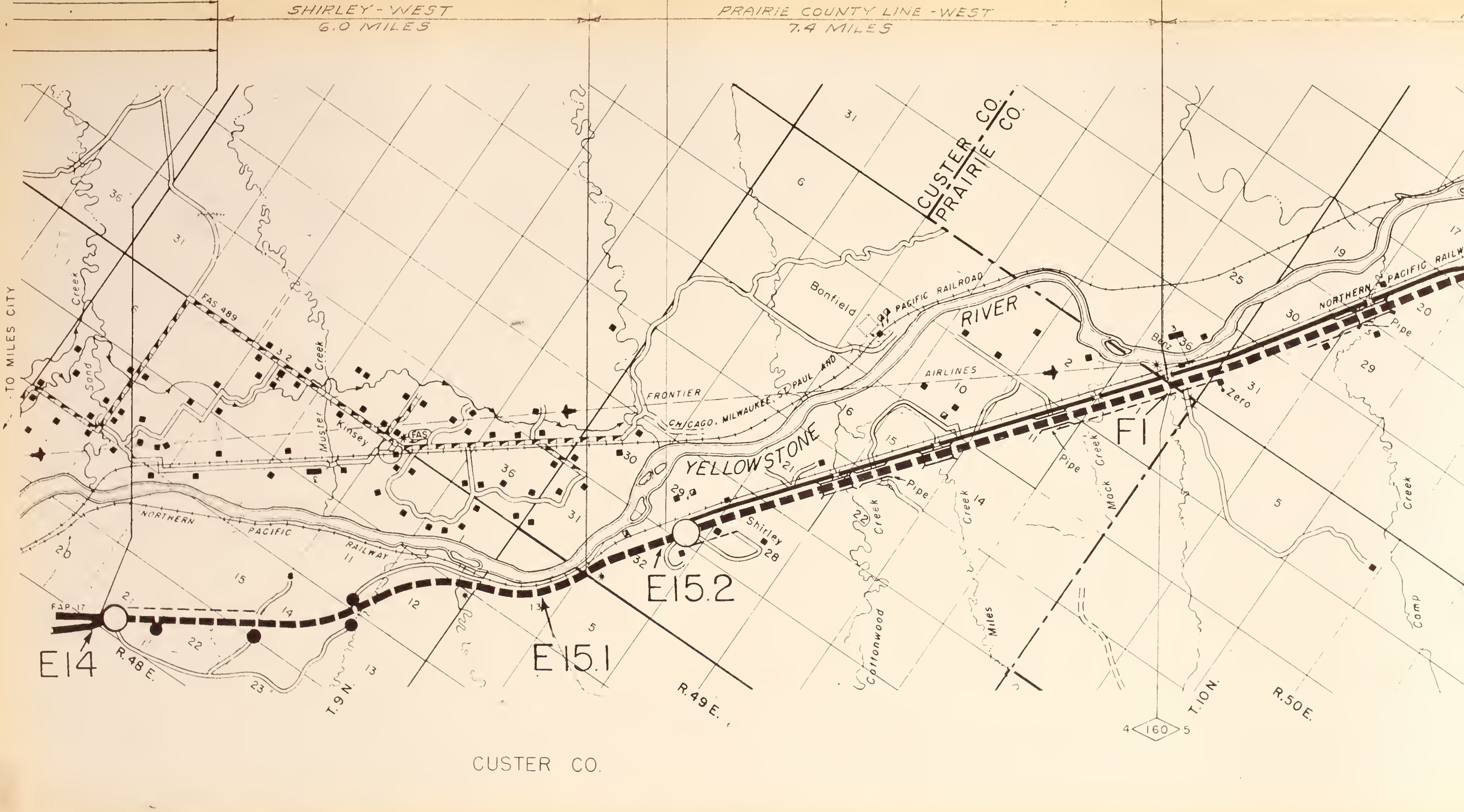
SCALE IN MILES
0 1 2 3 4

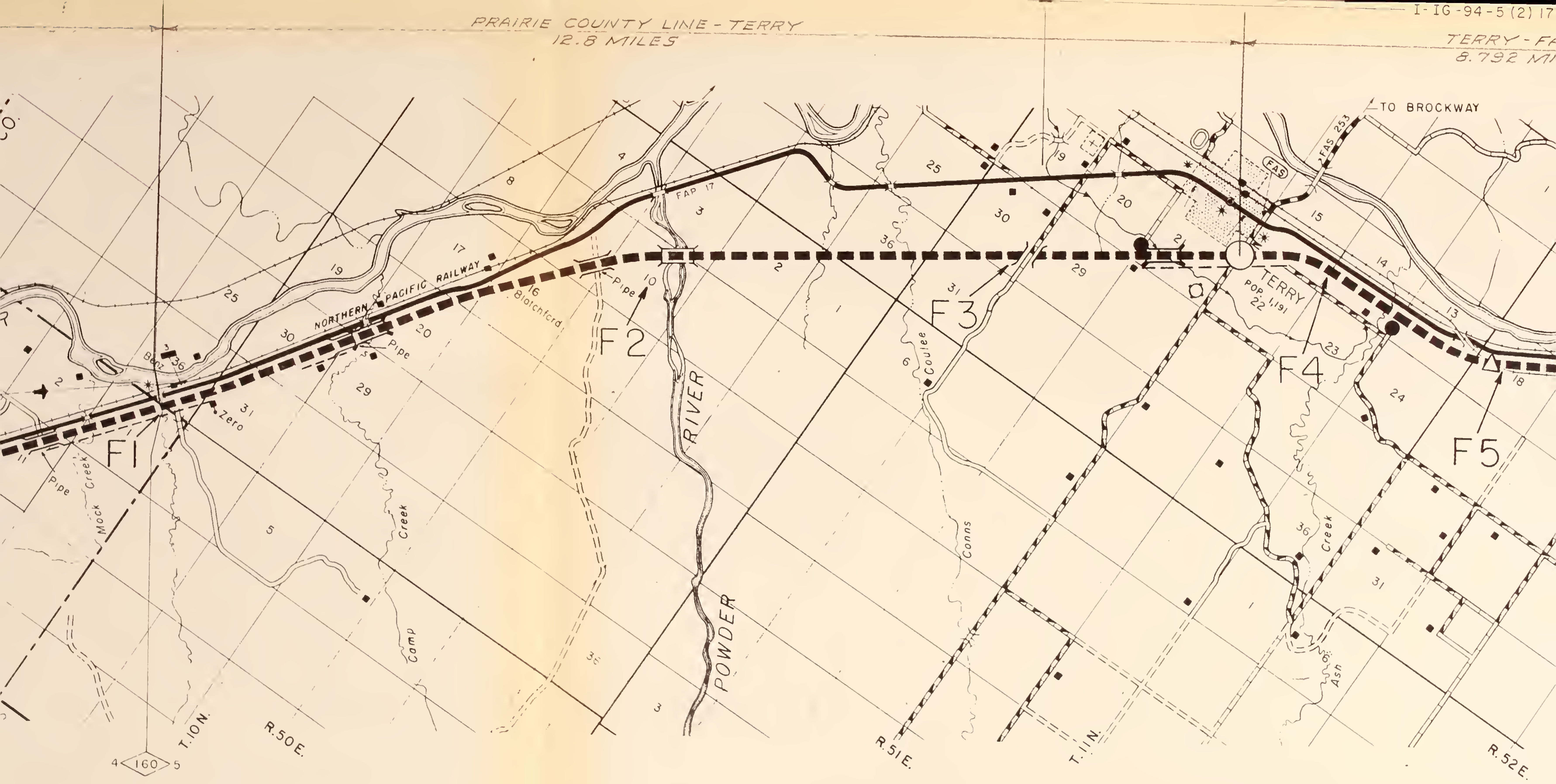
MONTANA

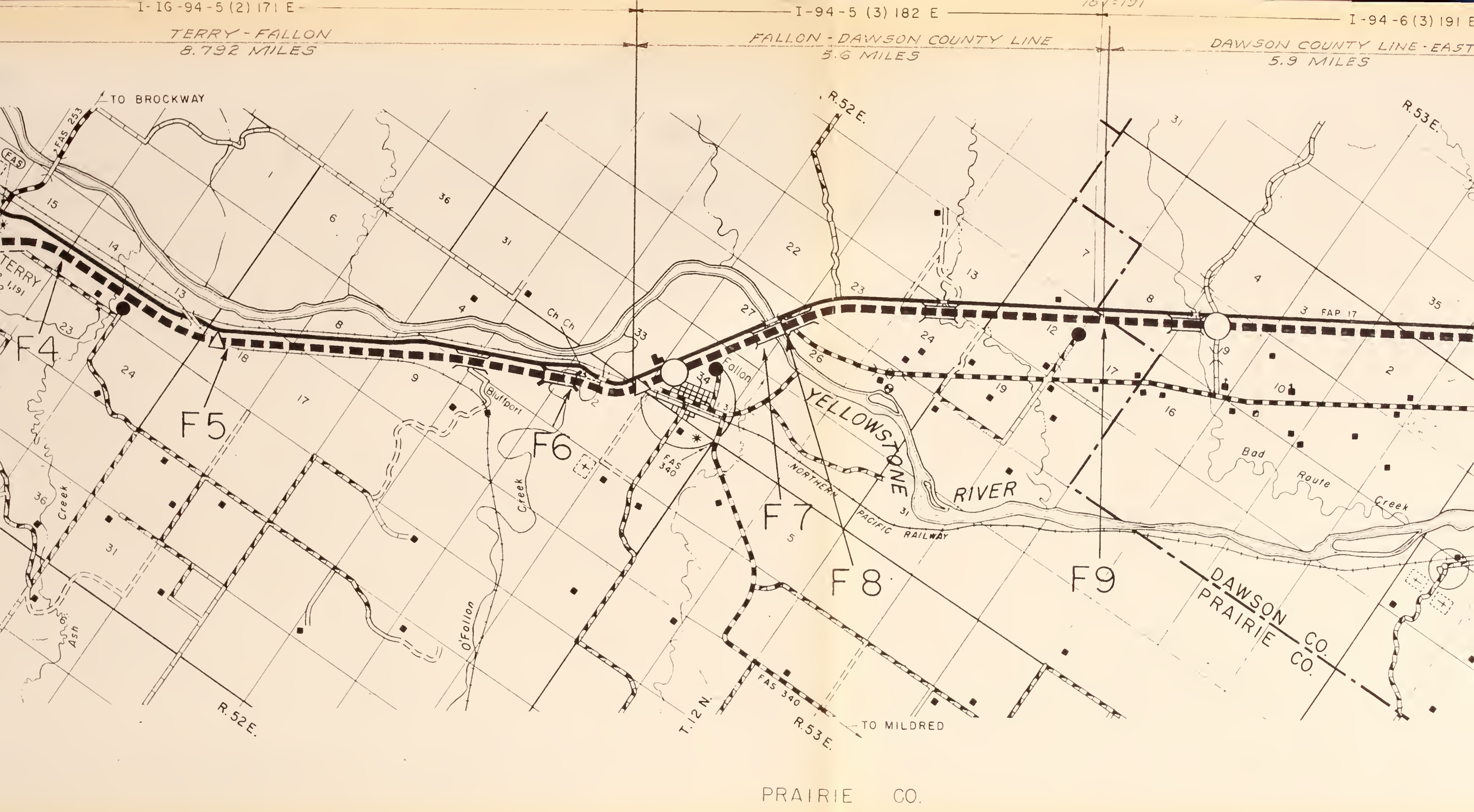
INTERSTATE ROUTE 94

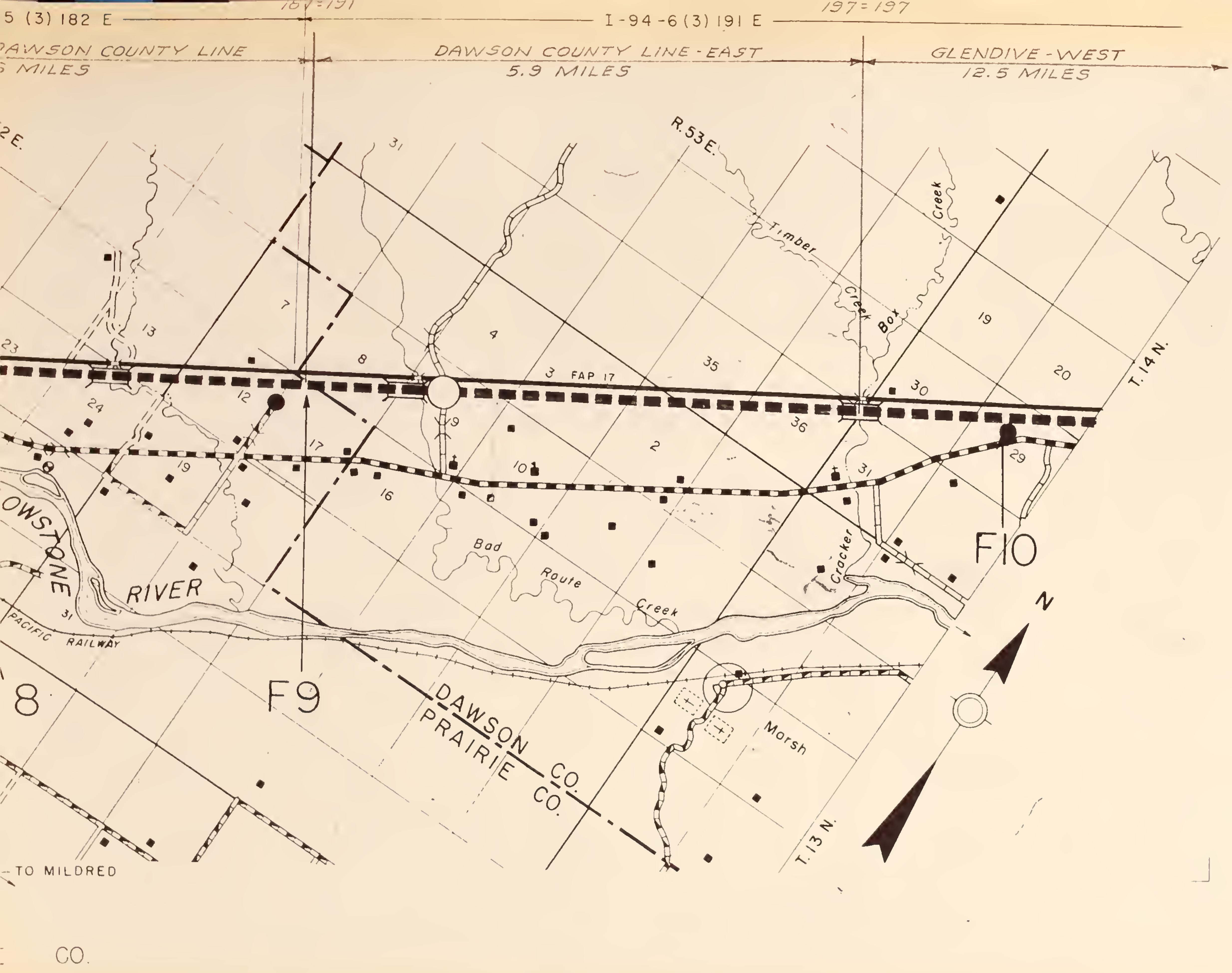
Sheet 3 of 5

Date January 1, 1964


SHIRLEY - WEST
6.0 MILES
PRAIRIE COUNTY LINE - WEST
7.4 MILES
TO MILES CITY
CUSTER CO.
PRAIRIE CO.
FAS 489
FAS
FAP 17
Kinsey
Bonfield
Benz
Zero
Shirley
Sand
Creek
Muster Creek
Cottonwood Creek
Miles Creek
Mack Creek
Camp Creek
Pipe
YELLOWSTONE RIVER
NORTHERN PACIFIC RAILWAY
CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD
FRONTIER AIRLINES
E14
E15.1
E15.2
F1
R.48 E.
R.49 E.
R.50 E.
T.9 N.
T.10 N.
4 160 5
CUSTER CO.


I-IG-94-5 (2) 17
PRAIRIE COUNTY LINE - TERRY
12.8 MILES
TERRY - FA
8.792 MI
TO BROCKWAY
FAS 253
FAS
FAP 17
NORTHERN PACIFIC RAILWAY
TERRY
POP. 1,191
POWDER RIVER
F1
F2
F3
F4
F5
Pipe
Mock Creek
Benz
Zero
Blatchford
Camp Creek
Coulee
Conns
Creek
Ash
T.10N.
T.11N.
R.50E.
R.51E.
R.52E.
160
4
5
25
19
8
4
17
3
2
30
36
16
20
29
31
10
1
6
21
22
23
24
15
14
13
18
5
36
38
3


I-IG-94-5(2) 171 E
TERRY - FALLON
8.792 MILES
I-94-5(3) 182 E
FALLON - DAWSON COUNTY LINE
5.6 MILES
I-94-6(3) 191 E
DAWSON COUNTY LINE - EAST
5.9 MILES
TO BROCKWAY
FAS 253
FAS
R.52 E.
R.53 E.
TERRY
F4
F5
F6
F7
F8
F9
Ch Ch
Bluffport
Fallon
FAS 340
YELLOWSTONE
RIVER
NORTHERN PACIFIC RAILWAY
Bad Route Creek
FAP 17
O'Fallon Creek
Creek
Ash
DAWSON CO.
PRAIRIE CO.
T.12 N.
R.52 E.
FAS 340
R.53 E.
TO MILDRED
PRAIRIE CO.
1
6
36
31
15
14
13
8
4
9
17
18
23
24
31
36
33
34
27
22
23
26
24
13
12
7
19
17
16
8
4
3
9
10
2
35
5
31



LEGEND FOR INTERSTATE ROUTES

INTERSTATE LOCATION STEP 4-5

INTERSTATE LOCATION STEP 1-2-3

INTERCHANGE

HIGHWAY GRADE SEPARATION - NO CONNECTION

RAILROAD GRADE SEPARATION

COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION

OTHER BRIDGE

TUNNEL

Toll TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION

FRONTAGE ROAD

TERMINATED CROSS ROAD

INTERSECTION AT-GRADE

U U URBAN AREA BOUNDARY

19 POST MILEAGE

1 2 ROUTE SECTIONS

SCALE IN MILES

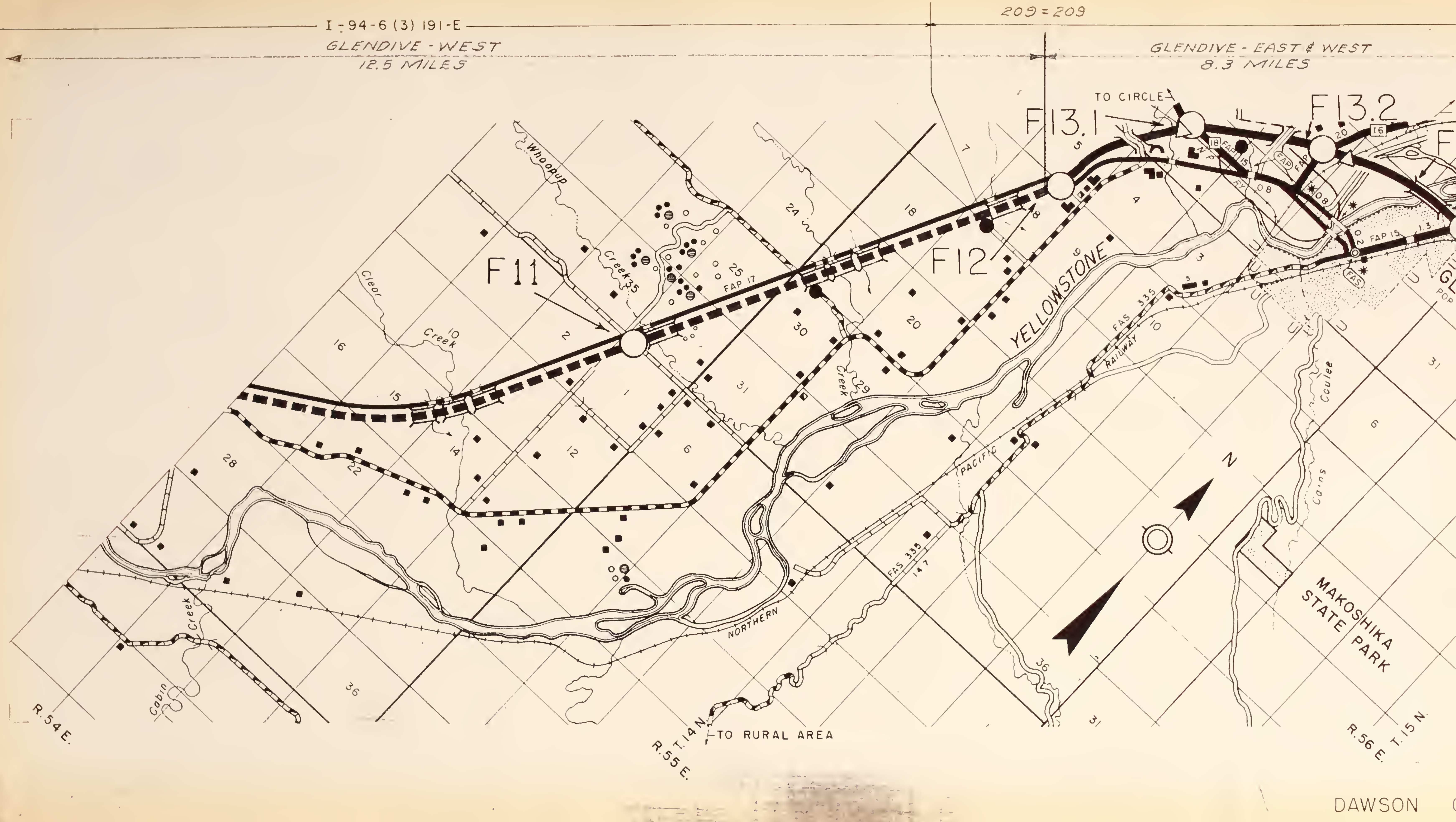
0 1 2 3 4

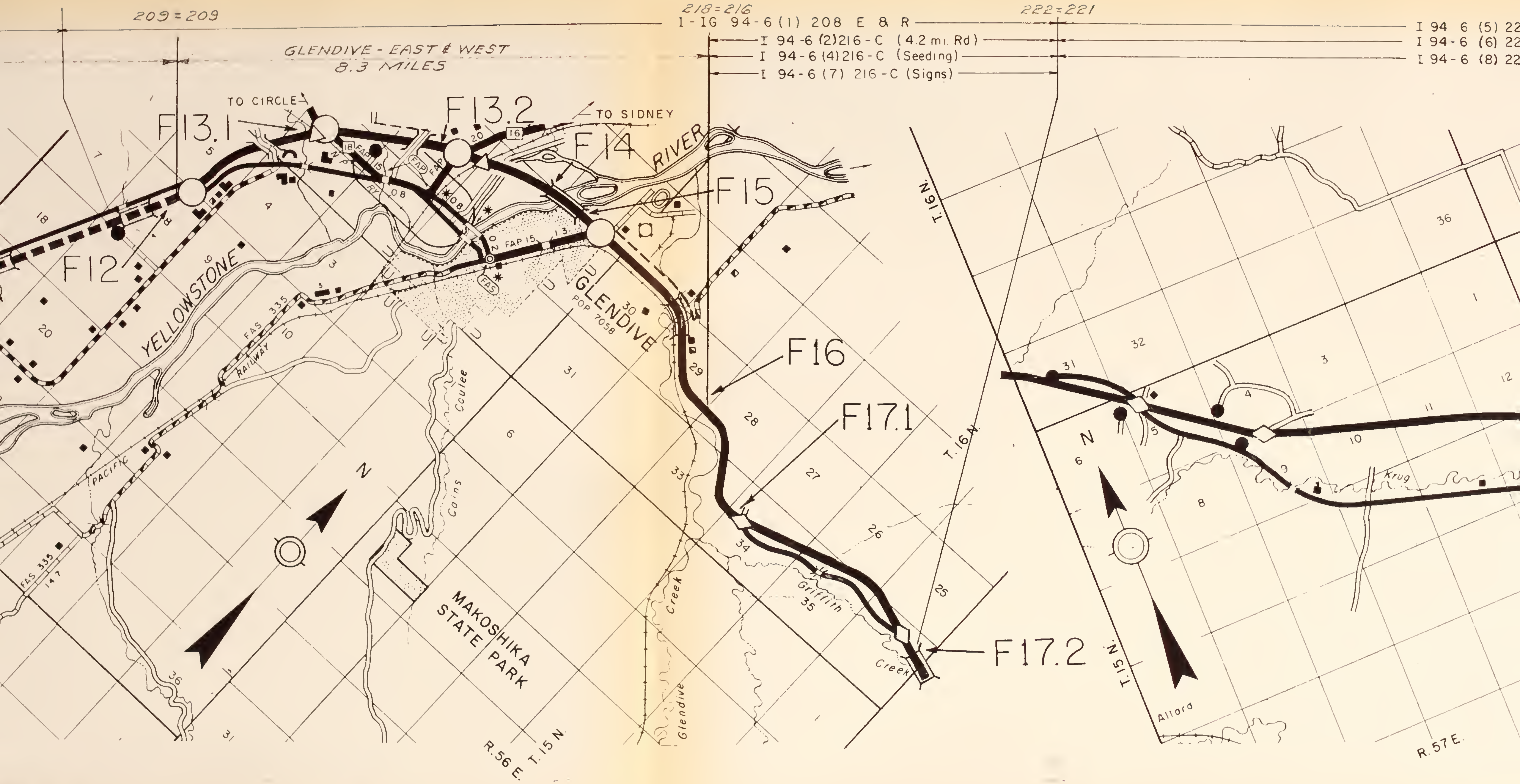
MONTANA

INTERSTATE ROUTE 94

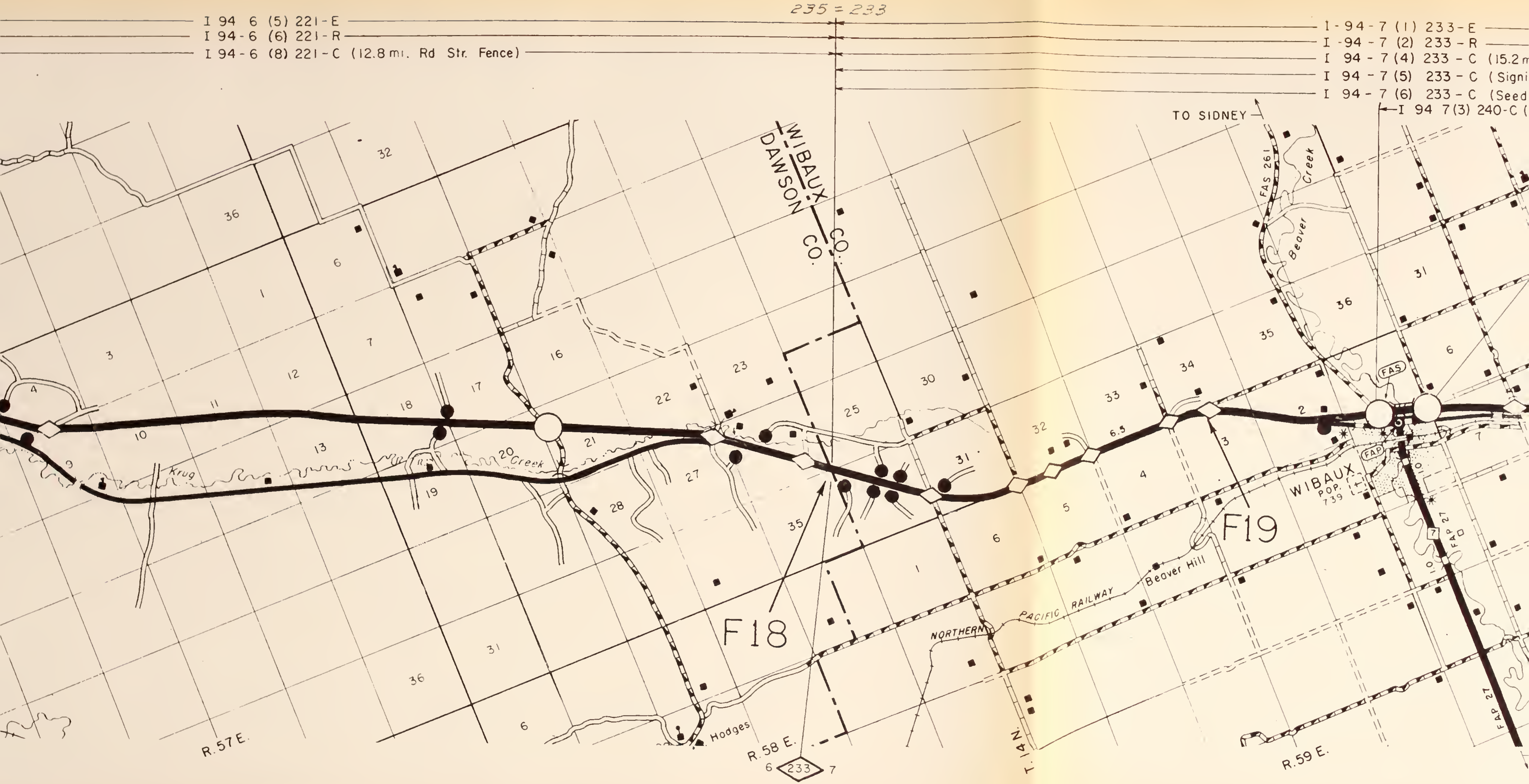
Sheet 4 of 5

Date January 1, 1964

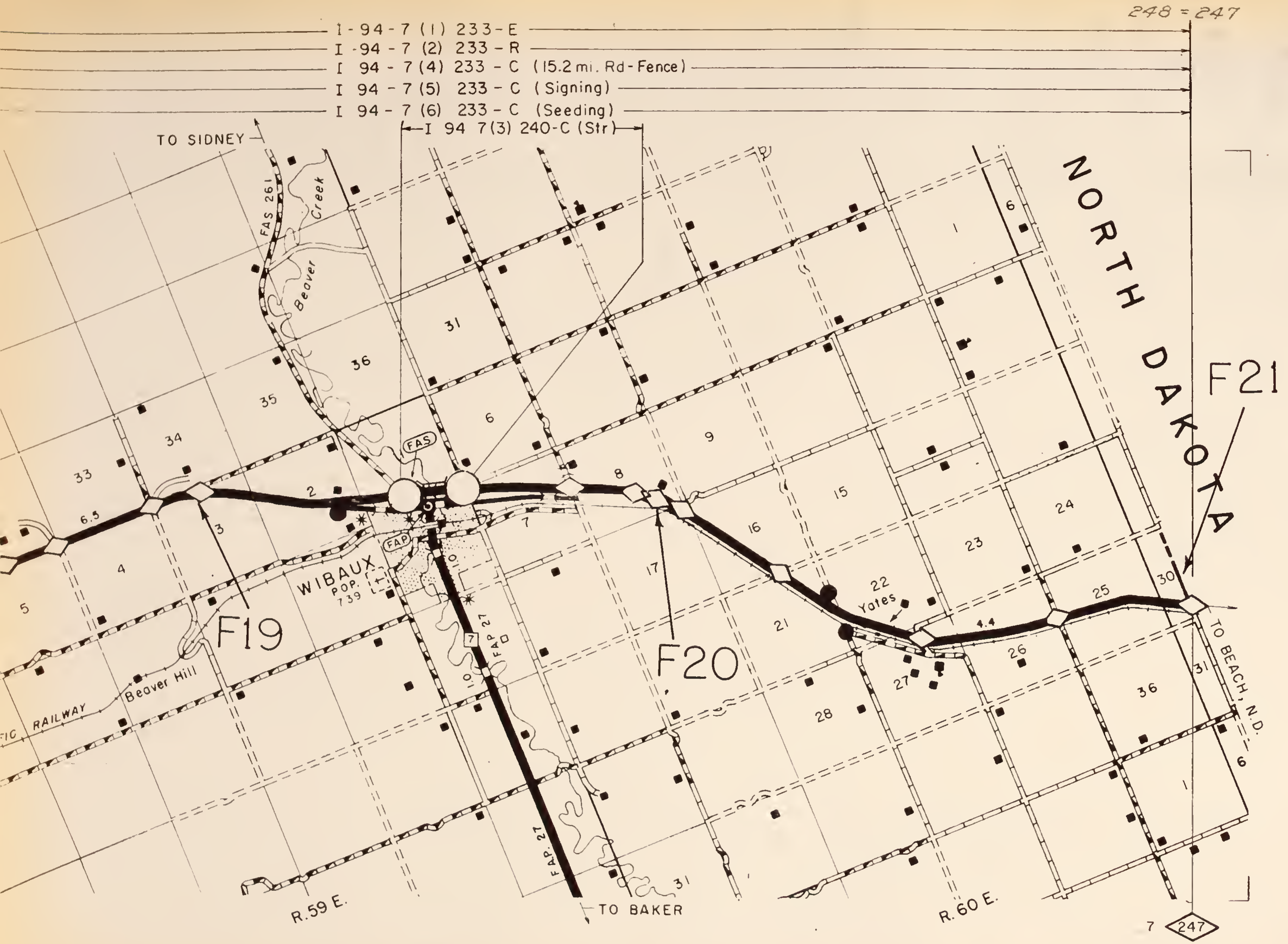

I-94-6(3) 191-E
209 = 209
GLENDIVE - WEST
12.5 MILES
GLENDIVE - EAST & WEST
8.3 MILES
TO CIRCLE
F13.1
F13.2
F11
F12
FAP 17
FAP 15
FAP 20
FAS 335
NP RY
YELLOWSTONE
NORTHERN PACIFIC RAILWAY
Whoopup Creek
Clear Creek
Cabin Creek
Cains Coulee
MAKOSHIKA STATE PARK
N
R.54E.
R.55E.
T.14N.
R.56E.
T.15N.
TO RURAL AREA
DAWSON


209=209
218=216
I-IG 94-6(1) 208 E & R
222=221
I 94 6 (5) 22
I 94-6 (6) 22
I 94-6 (8) 22
GLENDIVE - EAST & WEST
8.3 MILES
I 94-6 (2)216-C (4.2 mi. Rd)
I 94-6 (4)216-C (Seeding)
I 94-6 (7) 216-C (Signs)
TO CIRCLE
TO SIDNEY
F13.1
F13.2
F14
F15
F12
F16
F17.1
F17.2
RIVER
YELLOWSTONE
GLENDIVE
POP 7058
FAS 335
RAILWAY
PACIFIC
FAP 15
FAS
Coulee
Cains
Griffith
Creek
Glendive
Creek
Krug
Allard
MAKOSHIKA
STATE PARK
N
T.16N.
T.15N.
R.56E. T.15N.
R.57E.

DAWSON CO.


235 = 233
I 94 6 (5) 221-E
I 94-6 (6) 221-R
I 94-6 (8) 221-C (12.8 mi. Rd Str. Fence)
I-94-7 (1) 233-E
I-94-7 (2) 233-R
I 94-7 (4) 233-C (15.2 m
I 94-7 (5) 233-C (Signi
I 94-7 (6) 233-C (Seed
I 94 7(3) 240-C (
TO SIDNEY
WIBAUX CO.
DAWSON CO.
FAS 261
Beaver Creek
Krug Creek
FAS
FAP
WIBAUX
POP. 739
F18
F19
FAP 27
NORTHERN PACIFIC RAILWAY
Beaver Hill
Hodges
R.57E.
R.58 E.
R.59 E.
T. 14 N.
233
6
7
6.5
1.0
32
36
6
1
3
4
12
11
10
9
13
7
18
17
16
19
20
21
22
23
27
28
25
30
31
35
34
33
32
4
5
3
2
36
31
6
6
1
36
31
6
35
7

WIBAUX CO



WIBAUX CO

LEGEND FOR INTERSTATE ROUTES

- ▬▬ INTERSTATE LOCATION STEP 4-5
- ▬ ▬ ▬ INTERSTATE LOCATION STEP 1-2-3
- ○ INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- △ RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- – – – – FRONTAGE ROAD
- —● TERMINATED CROSS ROAD
- ◇ NTERSECTION AT-GRADE
- _U_ _U_ URBAN AREA BOUNDARY
- ◇19 POST MILEAGE
- 1 ◇ 2 ROUTE SECTIONS

SCALE IN MILES

0 1 2 3 4

MONTANA

INTERSTATE ROUTE 94

Sheet 5 of 5

Date January 1, 1964

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 1

STATE MONTANA

INTERSTATE ROUTE NO. 115

ITEM	ESTIMATE SECTION												
	K 1.1 - K 1.2	K 1.2 - K 2									Sub Rural	Total Urban	Total
1. Section length, miles	0.3	1.1									0.3	1.1	1.4
2. Class - rural or urban	R	U									xxx	xxx	xxx
3. Location - existing, new or toll	E	E									xxx	xxx	xxx
4. Design Speed (V)	70	50									xxx	xxx	xxx
5. Traffic: ADT 1962	2746	2346									xxx	xxx	xxx
6. Traffic: a. ADT 1975	6400	5450									xxx	xxx	xxx
b. DHV 1975	760	640									xxx	xxx	xxx
c. Directional distribution factor (d), 1975	60	60									xxx	xxx	xxx
d. Percent trucks, (T), 1975	8	8									xxx	xxx	xxx
7. Number of through traffic lanes (1975 traffic)	4	4									xxx	xxx	xxx
8. Traffic ADT 1990	9350	8000									xxx	xxx	xxx
9. Traffic: a. Design Year	1975	1986									xxx	xxx	xxx
b. ADT Design year	6400	7250									xxx	xxx	xxx
c. DHV Design year	760	860									xxx	xxx	xxx
d. (D) Design year	60	60									xxx	xxx	xxx
e. Percent trucks (T), design year	8	8									xxx	xxx	xxx
f. Assigned Corridor Traffic ADT design year	--	--									xxx	xxx	xxx
10. Number of through traffic lanes (Design year traffic)	4	4									xxx	xxx	xxx
11. Mileage without frontage roads	0.3	1.1									0.3	1.1	1.4
12. Mileage with frontage road one side only	--	--									--	--	--
13. Mileage with frontage roads on both sides	--	--									--	--	--
14. Typical cross-section reference	40	45									xxx	xxx	xxx
15. Right-of-way width: Minimum	300	200									xxx	xxx	xxx
Prevailing	300	300									xxx	xxx	xxx
16. Median width: Minimum	76	20									xxx	xxx	xxx
Prevailing	76	20									xxx	xxx	xxx

Signatures: Lawrence Johnson Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 1

STATE MONTANA

INTERSTATE ROUTE NO. 115

	ITEM	ESTIMATE SECTION											Sub Total		Total
		K 1.1 - K 1.2	K 1.2 - K 2										Rural	Urban	
	Section length, miles (0.1 mile)	0.3	1.1										0.3	1.1	1.4
	Class: Rural or Urban	R	U										xxx	xxx	xxx
	Location: Existing, new or toll	E	E										xxx	xxx	xxx
	Design Code: 1, 2 or 3	1	1										xxx	xxx	xxx
	No. Lanes to be constructed this estimate	--	4										xxx	xxx	xxx
	No. through traffic lanes	4	4										xxx	xxx	xxx
	Finance Code	20	22										xxx	xxx	xxx
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	--	--										--	--	--
2.	Right-of-way	--	--										--	--	--
3.	Clear & grub; demolition	--	--										--	--	--
4.	Utility adjustments	--	--										--	--	--
5.	Grade & Drain; minor structures	--	5										--	5	5
6.	Base; surfacing; shoulders	--	69										--	69	69
7.	R.R. grade separations	--	--										--	--	--
8.	Highway grade separations without ramps	--	--										--	--	--
9.	Interchanges, complete	--	128										--	128	128
10.	Other bridges; tunnels	--	--										--	--	--
11.	Walls	--	--										--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	--	29										--	29	29
13.	Roadside improvement	--	2										--	2	2
14.	All other items	--	--										--	--	--
15.	Subtotal, lines 3 to 14	--	233										--	233	233
16.	Construction Engineering & Contingencies, 10% of line 15	--	23										--	23	23
17.	Total Estimated Cost	--	256										--	256	256

Signatures:

Date: Aug 1 1964
State Highway Engineer

E. H. Cowan
Date: Aug. 1, 1964
B.P.R. Division Engineer

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 1

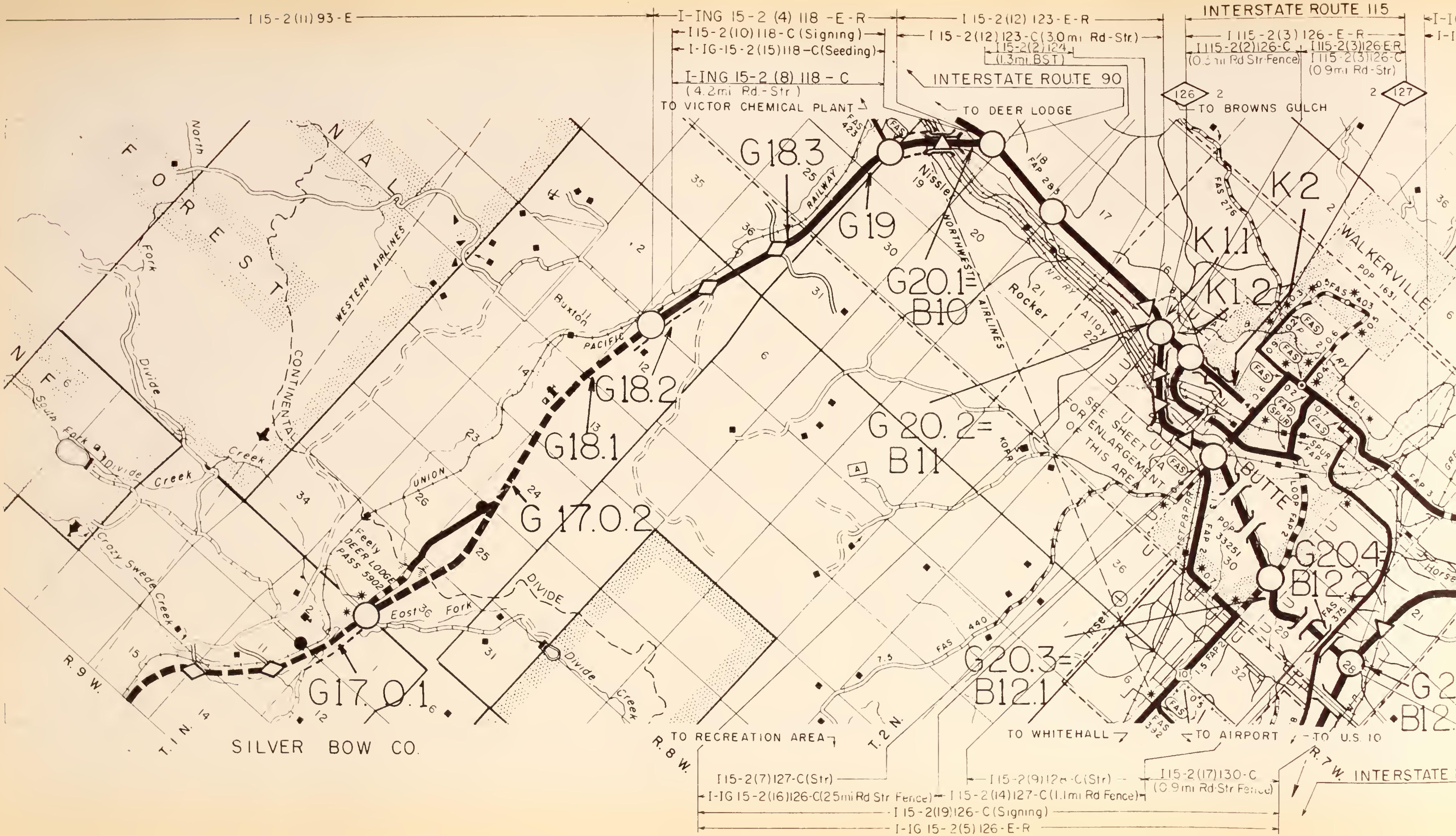
STATE MONTANA

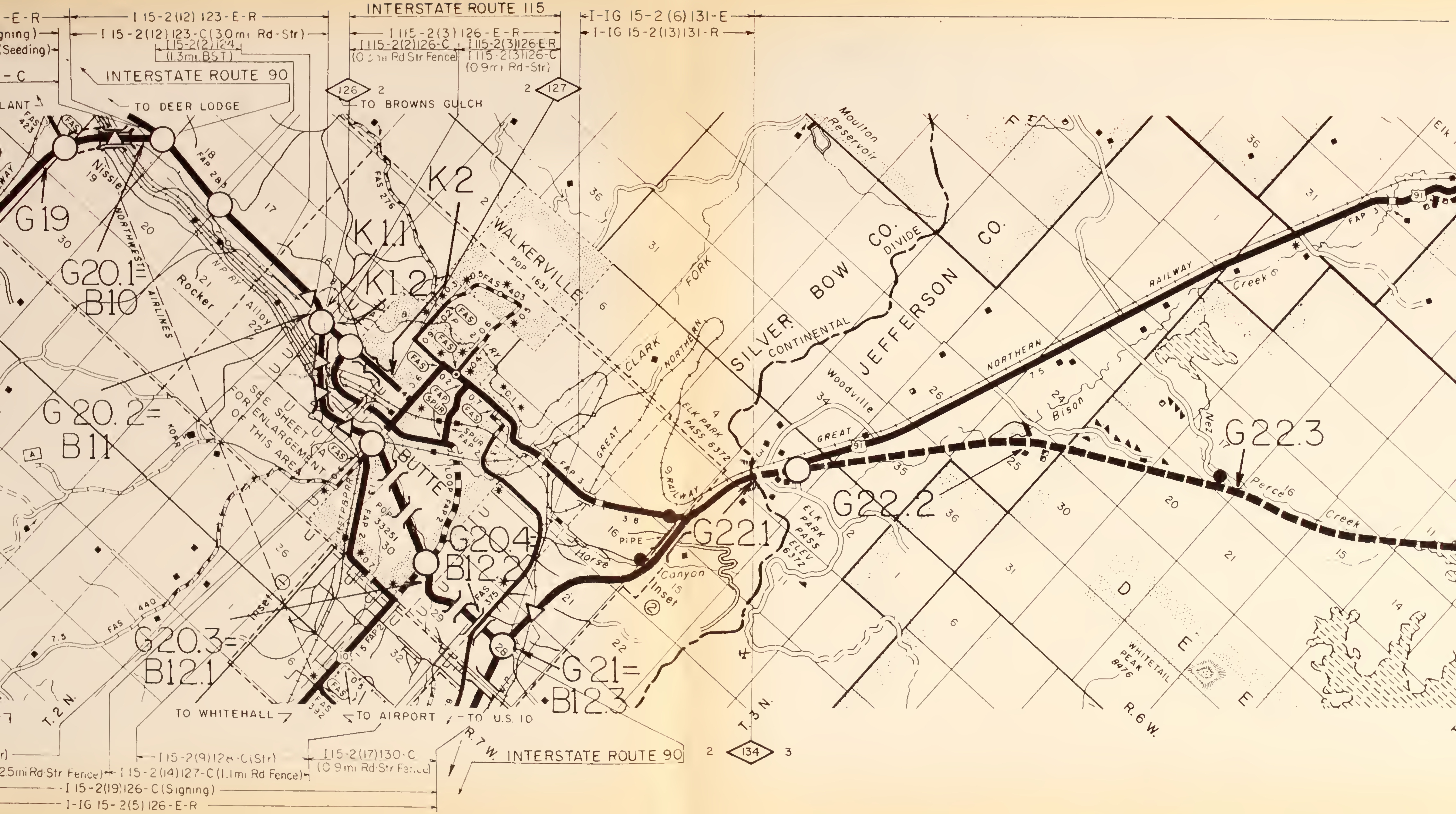
INTERSTATE ROUTE NO. 115

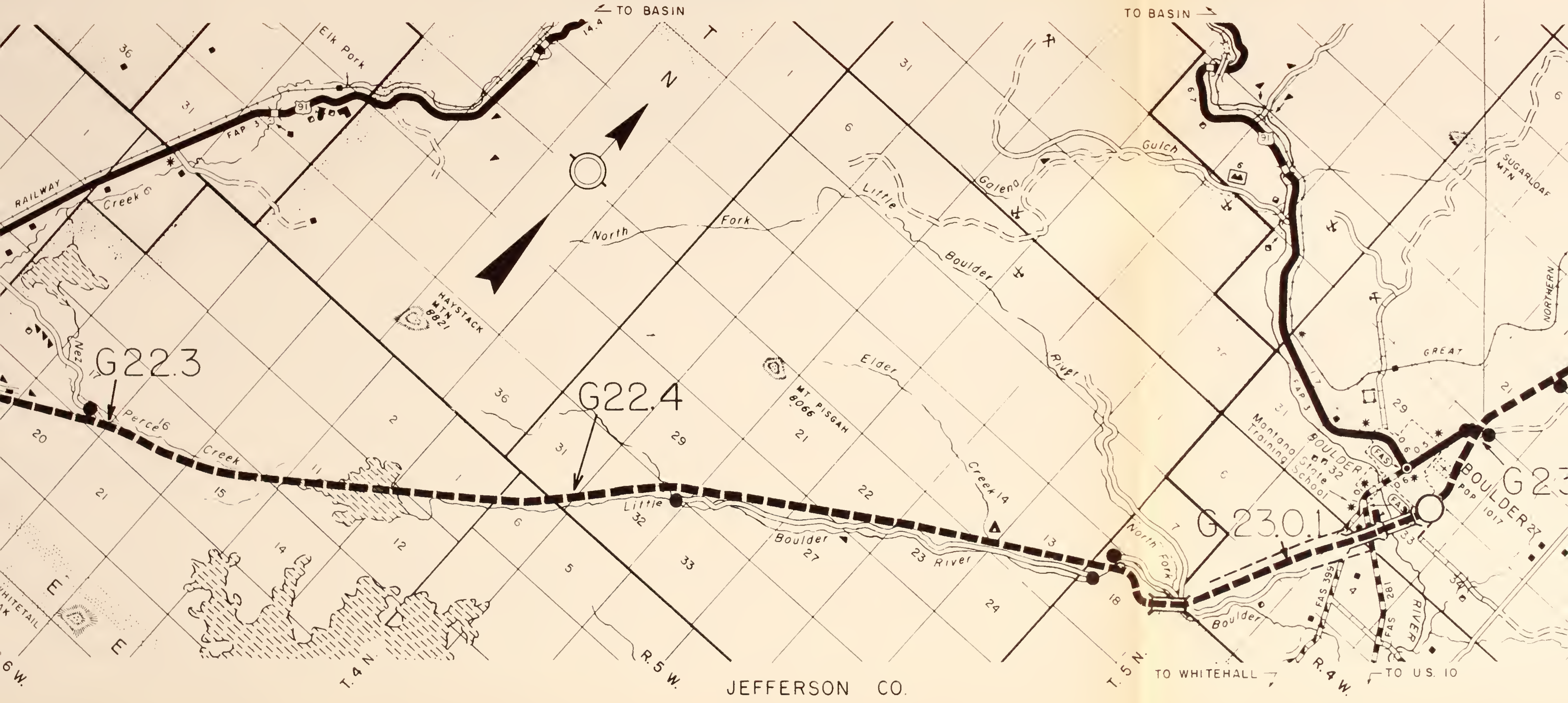
ITEM	ESTIMATE SECTION										Sub Total		Total
	K 1.1 - K 1.2	K 1.2 - K 2									Rural	Urban	
Section length, miles (0.1 mile)	0.3	1.1									0.3	1.1	1.4
Class: Rural or Urban	R	U									xxx	xxx	xxx
Location: Existing, new or toll	E	E									xxx	xxx	xxx
Design Code: 1 or 3	1	1									xxx	xxx	xxx
No. Lanes to be constructed this estimate	--	4									xxx	xxx	xxx
No. through traffic lanes	4	4									xxx	xxx	xxx
Finance code	20	22									xxx	xxx	xxx
No. of terminated cross roads	--	--									xxx	xxx	xxx
No. of intersections at grade	--	--									xxx	xxx	xxx
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations — Cost	--	--									--	--	--
No. for which costs estimated	--	--									--	--	--
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
8. Highway grade separations without ramps — Cost	--	--									--	--	--
No. for which costs estimated	--	--									--	--	--
No. in service - cost = zero	--	1									--	1	1
No. in authorized status - cost = zero	--	--									--	--	--
9. Interchanges, complete — Cost	--	128									--	128	128
No. for which costs estimated	--	1									--	1	1
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
10. Other bridges: tunnels — Cost	--	--									--	--	--
No. for which costs estimated	--	--									--	--	--
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
Total Structures — Cost	--	128									--	128	128
No.for which costs estimated	--	1									--	1	1
No.in service - cost = zero	--	1									--	1	1
No.in authorized status - cost = zero	--	--									--	--	--

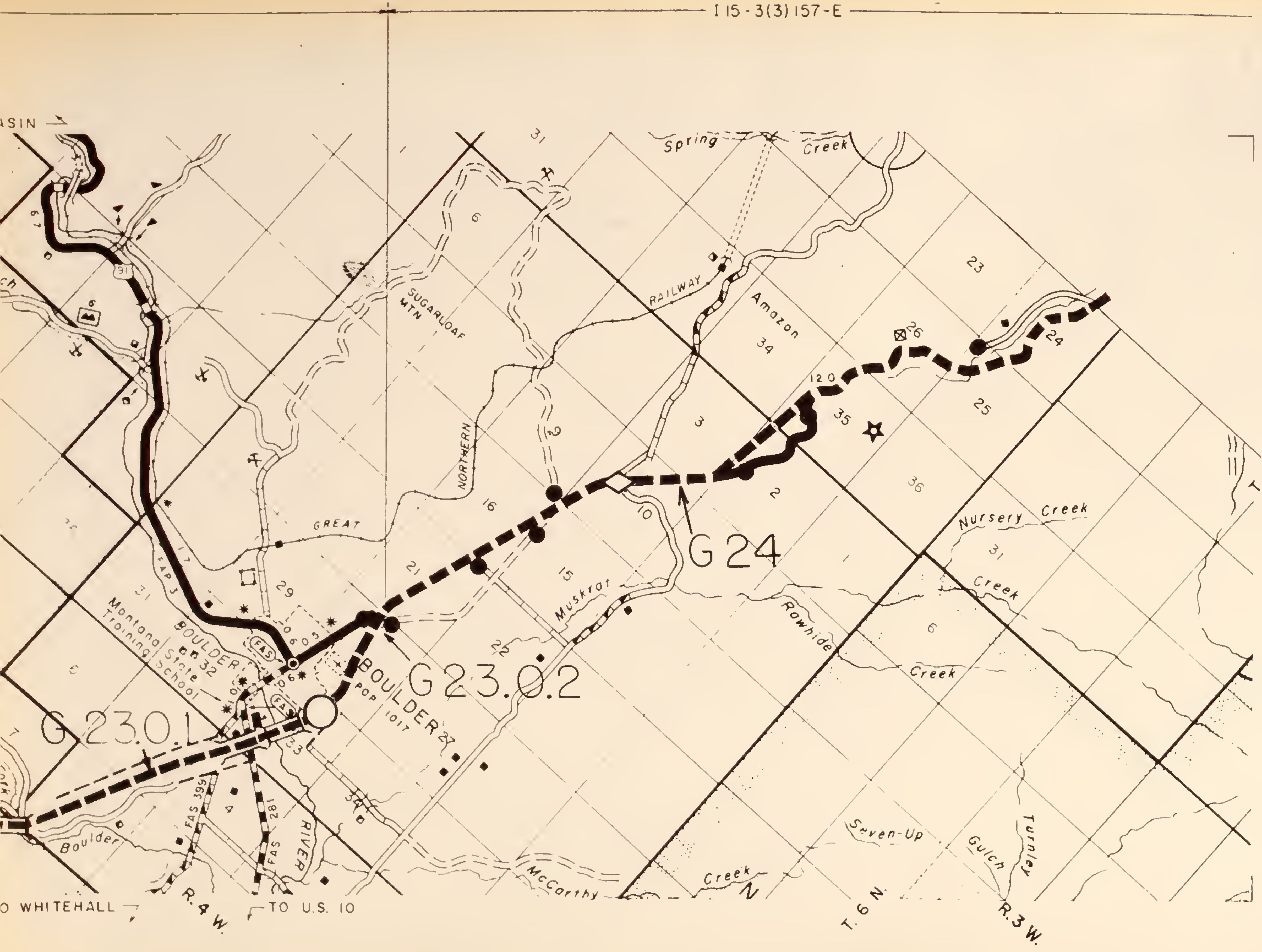
Signatures: Paul W. Johnson Date: Aug. 1, 1964
State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964
B.P.R. Division Engineer


I 15-2(11) 93-E
I-ING 15-2 (4) 118 -E-R
I 15-2(10) 118-C (Signing)
I-IG-15-2(15) 118-C(Seeding)
I-ING 15-2 (8) 118 - C
(4.2mi Rd.-Str)
I 15-2(12) 123-E-R
I 15-2(12) 123-C(3.0mi Rd-Str.)
I 15-2(2) 124
(1.3mi BST)
INTERSTATE ROUTE 90
INTERSTATE ROUTE 115
I 115-2(3) 126-E-R
I 115-2(2) 126-C
(0.3mi Rd Str Fence)
I 115-2(3) 126 E R
I 115-2(3) 126-C
(0.9mi Rd-Str)
126
127
TO VICTOR CHEMICAL PLANT
TO DEER LODGE
TO BROWNS GULCH
G18.3
G19
G20.1=
B10
K1.1
K1.2
K2
WALKERVILLE
POP 1631
G18.2
G18.1
G 20.2=
B11
SEE SHEET
FOR ENLARGEMENT
OF THIS AREA
BUTTE
POP 33251
G20.4=
B12.2
G 17.0.2
G17.0.1
G20.3=
B12.1
G2
B12
FOREST
NATIONAL
N F
WESTERN AIRLINES
NORTHWEST AIRLINES
CONTINENTAL DIVIDE
UNION PACIFIC RAILWAY
N P RY
Nissler
Rocker
Alloy
Buxton
Feely
DEER LODGE PASS 5902
North Fork
Divide Creek
South Fork Divide Creek
Crazy Swede Creek
East Fork Divide Creek
KOAR
FAS 423
FAP 285
FAS 276
FAS 403
FAP SPUR
LOOP FAP 2
FAP 2
FAS 375
FAS 440
FAS 332
FAP 3
INSTPAPRR
Inset
R. 9 W.
T. 1 N.
SILVER BOW CO.
R. 8 W.
T. 2 N.
R. 7 W.
TO RECREATION AREA
TO WHITEHALL
TO AIRPORT
TO U.S. 10
INTERSTATE
I 15-2(7) 127-C(Str)
I-IG 15-2(16) 126-C(2.5mi Rd Str Fence)
I 15-2(9) 128-C(Str)
I 15-2(14) 127-C (1.1mi Rd Fence)
I 15-2(17) 130-C
(0.9mi Rd-Str Fence)
I 15-2(19) 126-C (Signing)
I-IG 15-2(5) 126-E-R


INTERSTATE ROUTE 115
I 15-2(12) 123-E-R
I 15-2(12) 123-C (3.0 mi Rd-Str)
I 15-2(2) 124 (1.3 mi BST)
I 115-2(3) 126-E-R
I 115-2(2) 126-C (0.3 mi Rd Str Fence)
I 115-2(3) 126 E R
I 115-2(3) 126-C (0.9 mi Rd-Str)
I-IG 15-2(6) 131-E
I-IG 15-2(13) 131-R
gning)
(Seeding)
-C
INTERSTATE ROUTE 90
TO DEER LODGE
TO BROWNS GULCH
126
127
G19
G20.1=B10
G20.2=B11
G20.3=B12.1
G20.4=B12.2
G21=B12.3
G22.1
G22.2
G22.3
K2
K1.1
K1.2
WALKERVILLE POP 1631
BUTTE POP 33251
SEE SHEET 4A FOR ENLARGEMENT OF THIS AREA
SILVER BOW CO.
JEFFERSON CO.
CONTINENTAL DIVIDE
GREAT NORTHERN RAILWAY
CLARK FORK
ELK PARK PASS 6372
ELK PARK PASS ELEV 6372
Moulton Reservoir
Woodville
Bison Creek
Perce Creek
Horse Canyon
Inset ②
Inset ①
Nissle
Rocker
Alloy
NORTHWEST AIRLINES
NP RY
WHITETAIL PEAK 8476
FAS 423
FAP 288
FAS 276
FAS 403
FAP 3
FAP 2
FAS 440
FAS 375
FAS 392
LOOP FAP 2
SPUR FAP 2
FAP SPUR
PIPE
T. 2 N.
T. 3 N.
R. 7 W.
R. 6 W.
91
10
28
TO WHITEHALL
TO AIRPORT
TO U.S. 10
INTERSTATE ROUTE 90
134
I 15-2(9) 128-C (Str)
I 15-2(17) 130-C (0.9 mi Rd Str Fence)
25 mi Rd Str Fence)
I 15-2(14) 127-C (1.1 mi Rd Fence)
I 15-2(19) 126-C (Signing)
I-IG 15-2(5) 126-E-R


TO BASIN
TO BASIN
Elk Park
RAILWAY
FAP 3
91
Creek
North Fork
Little Boulder River
Galena Gulch
HAYSTACK MTN 8821
MT PISGAH 8066
Elder Creek
Nez Perce Creek
G22.3
G22.4
Little Boulder River
North Fork
G23.0.1
G23
SUGARLOAF MTN
NORTHERN
GREAT
Montana State Training School
BOULDER
BOULDER POP 1017
FAS
FAS 399
FAS 281
Boulder River
WHITETAIL PEAK
R.6 W.
T.4 N.
R.5 W.
T.5 N.
R.4 W.
TO WHITEHALL
TO U.S. 10
JEFFERSON CO.



LEGEND FOR INTERSTATE ROUTES

INTERSTATE LOCATION STEP 4-5
INTERSTATE LOCATION STEP 1-2-3
INTERCHANGE
HIGHWAY GRADE SEPARATION - NO CONNECTION
RAILROAD GRADE SEPARATION
COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
OTHER BRIDGE
TUNNEL
Toll TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
FRONTAGE ROAD
TERMINATED CROSS ROAD
INTERSECTION AT-GRADE
U U URBAN AREA BOUNDARY
19 POST MILEAGE
1 2 ROUTE SECTIONS

SCALE IN MILES
0 1 2 3 4

MONTANA

INTERSTATE ROUTE 15
Sheet 3 of 8
Date January 1, 1964
INTERSTATE ROUTE 115
(COMPLETE ROUTE ON THIS SHEET.)

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

SHEET 1 OF 1

STATE MONTANA

INTERSTATE ROUTE NO. 315

ITEM	ESTIMATE SECTION												
	L 1 - L 2	L 2 - L 3									Sub Total		Total
											Rural	Urban	
1. Section length, miles	0.3	0.3									0.3	0.3	0.6
2. Class - rural or urban	R	U									xxx	xxx	xxx
3. Location - existing, new or toll	E	E									xxx	xxx	xxx
4. Design Speed (V)	70	50									xxx	xxx	xxx
5. Traffic: ADT 1962	3450	3450									xxx	xxx	xxx
6. Traffic: a. ADT 1975	8300	8300									xxx	xxx	xxx
b. DHV 1975	1000	1000									xxx	xxx	xxx
c. Directional distribution factor (d), 1975	60	60									xxx	xxx	xxx
d. Percent trucks, (T), 1975	7	7									xxx	xxx	xxx
7. Number of through traffic lanes (1975 traffic)	4	4									xxx	xxx	xxx
8. Traffic ADT 1990	12150	12150									xxx	xxx	xxx
9. Traffic: a. Design Year	1984	1984									xxx	xxx	xxx
b. ADT Design year	10500	10500									xxx	xxx	xxx
c. DHV Design year	1260	1260									xxx	xxx	xxx
d. (D) Design year	60	60									xxx	xxx	xxx
e. Percent trucks (T), design year	7	7									xxx	xxx	xxx
f. Assigned Corridor Traffic ADT design year	--	--									xxx	xxx	xxx
10. Number of through traffic lanes (Design year traffic)	4	4									xxx	xxx	xxx
11. Mileage without frontage roads	0.3	0.3									0.3	0.3	0.6
12. Mileage with frontage road one side only	--	--									--	--	--
13. Mileage with frontage roads on both sides	--	--									--	--	--
14. Typical cross-section reference	45	45									xxx	xxx	xxx
15. Right-of-way width: Minimum	300	300									xxx	xxx	xxx
Prevailing	300	300									xxx	xxx	xxx
16. Median width: Minimum	20	20									xxx	xxx	xxx
Prevailing	20	20									xxx	xxx	xxx

Signatures: Johnson Date Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date Aug. 1, 1964

B.P.R. Division Engineer

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 1

STATE MONTANA

INTERSTATE ROUTE NO. 315

	ITEM	ESTIMATE SECTION											Sub Total		Total
		L 1 - L 2	L 2 - L 3										Rural	Urban	
	Section length, miles (0.1 mile)	0.3	0.3										0.3	0.3	0.6
	Class: Rural or Urban	R	U										xxx	xxx	xxx
	Location: Existing, new or toll	E	E										xxx	xxx	xxx
	Design Code: 1, 2 or 3	1	1										xxx	xxx	xxx
	No. Lanes to be constructed this estimate	4	4										xxx	xxx	xxx
	No. through traffic lanes	4	4										xxx	xxx	xxx
	Finance Code	22	22										xxx	xxx	xxx
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	--	--										--	--	--
2.	Right-of-way	--	--										--	--	--
3.	Clear & grub; demolition	--	--										--	--	--
4.	Utility adjustments	11	3										11	3	14
5.	Grade & Drain; minor structures	47	23										47	23	60
6.	Base; surfacing; shoulders	51	45										51	45	96
7.	R.R. grade separations	71	--										71	--	71
8.	Highway grade separations without ramps	118	--										118	--	118
9.	Interchanges, complete	15	8										15	8	23
10.	Other bridges; tunnels	--	--										--	--	--
11.	Walls	--	--										--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	17	17										17	17	34
13.	Roadside improvement	--	--										--	--	--
14.	All other items	--	--										--	--	--
15.	Subtotal, lines 3 to 14	330	96										330	96	426
16.	Construction Engineering & Contingencies, 10% of line 15	33	10										33	10	43
17.	Total Estimated Cost	363	106										363	106	469

Signatures: Date Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date Aug. 1, 1964

B.P.R. Division Engineer

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ESTIMATE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 1

STATE MONTANA

INTERSTATE ROUTE NO. 315

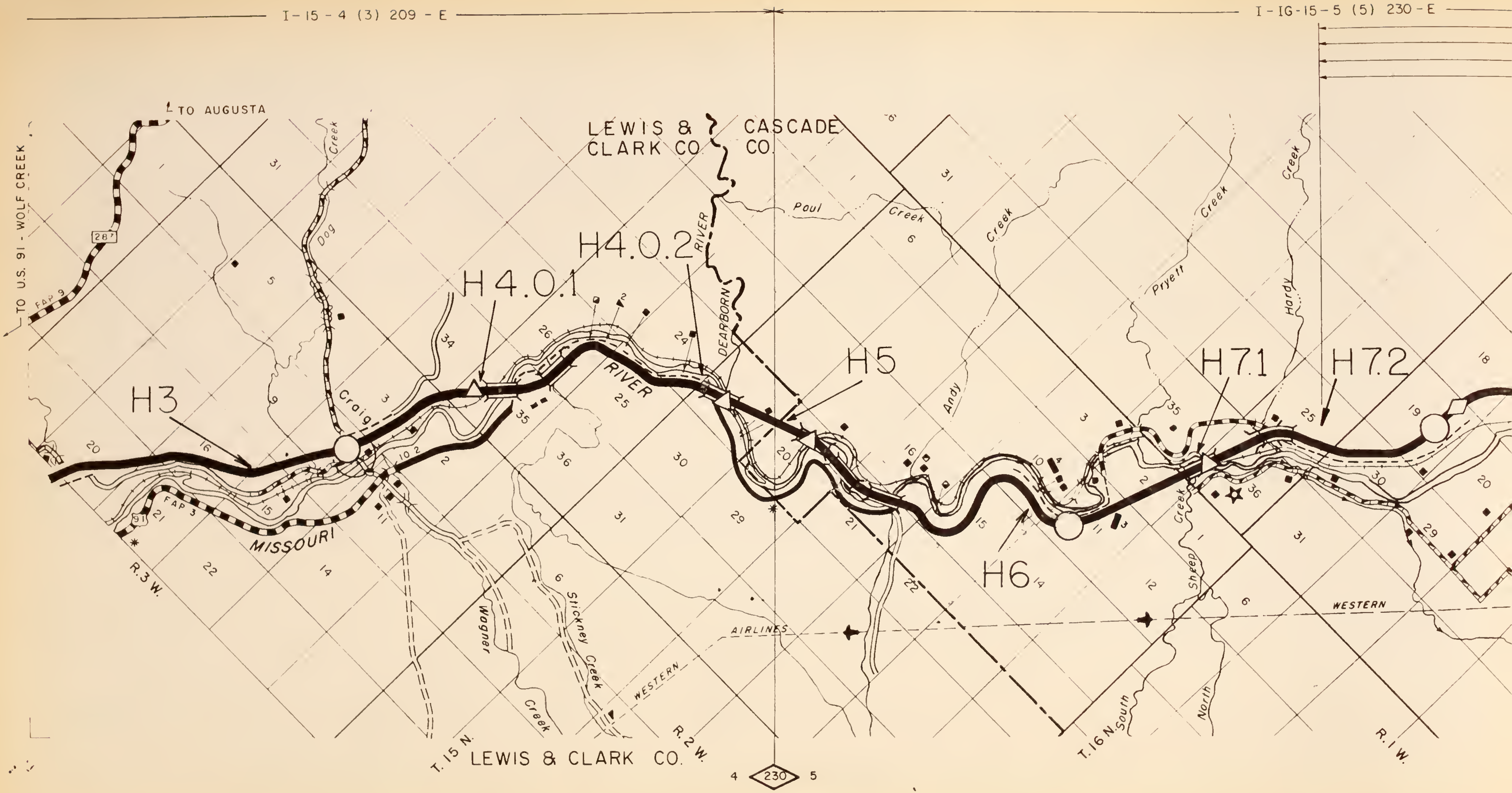
ITEM	ESTIMATE SECTION										Sub Total		Total
	L 1 - L 2	L 2 - L 3									Rural	Urban	
Section length, miles (0.1 mile)	0.3	0.3									0.3	0.3	0.6
Class: Rural or Urban	R	U									xxx	xxx	xxx
Location: Existing, new or toll	E	E									xxx	xxx	xxx
Design Code: 1 or 3	1	1									xxx	xxx	xxx
No. Lanes to be constructed this estimate	4	4									xxx	xxx	xxx
No. through traffic lanes	4	4									xxx	xxx	xxx
Finance code	22	22									xxx	xxx	xxx
No. of terminated cross roads	--	--									xxx	xxx	xxx
No. of intersections at grade	--	--									xxx	xxx	xxx
WORK CLASSIFICATION Item No. from Table C			ESTIMATED COSTS (1000 Dollars) AND NUMBER OF STRUCTURES										
7. R.R. grade separations Cost	71	--									71	--	71
No. for which costs estimated	1	--									1	--	1
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
8. Highway grade separations without ramps Cost	118	--									118	--	118
No. for which costs estimated	1	--									1	--	1
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
9. Interchanges, complete Cost	15	8									15	8	23
No. for which costs estimated	1	1									1	1	2
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
10. Other bridges: tunnels Cost	--	--									--	--	--
No. for which costs estimated	--	--									--	--	--
No. in service - cost = zero	--	--									--	--	--
No. in authorized status - cost = zero	--	--									--	--	--
Total Structures Cost	204	8									204	8	212
No.for which costs estimated	3	1									3	1	4
No.in service - cost = zero	--	--									--	--	--
No.in authorized status - cost = zero	--	--									--	--	--

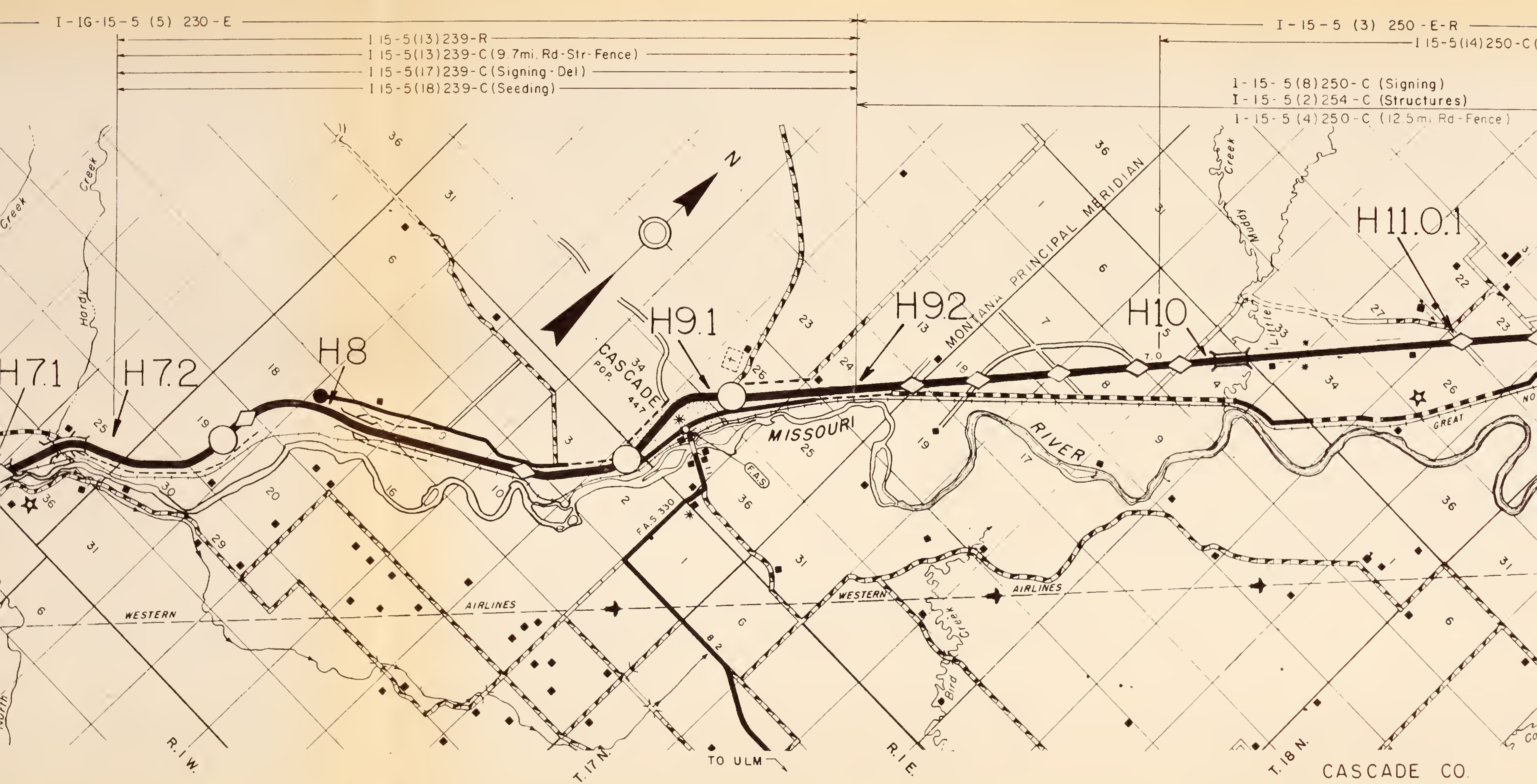
Signatures: Date Aug. 1, 1964

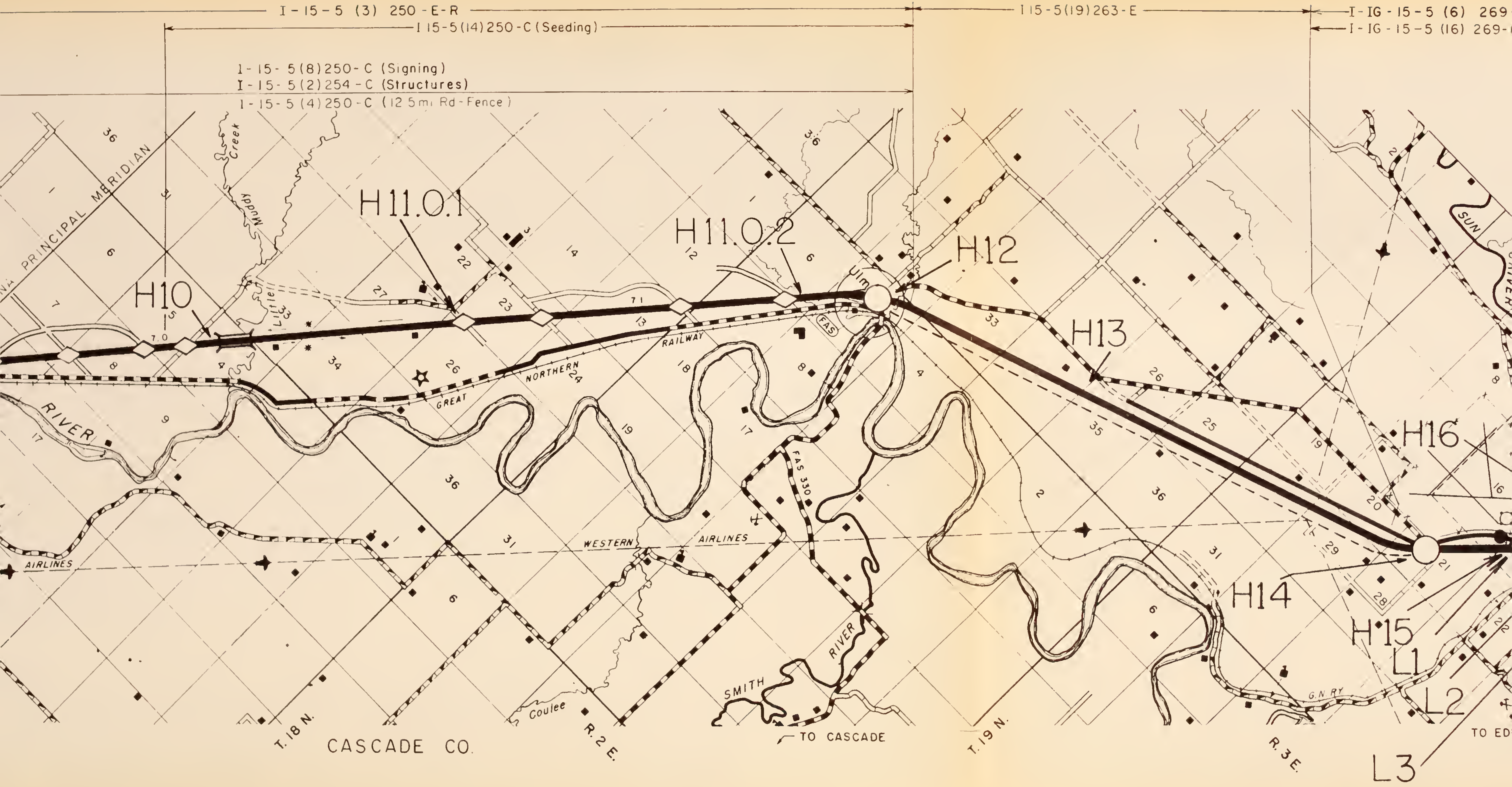
State Highway Engineer

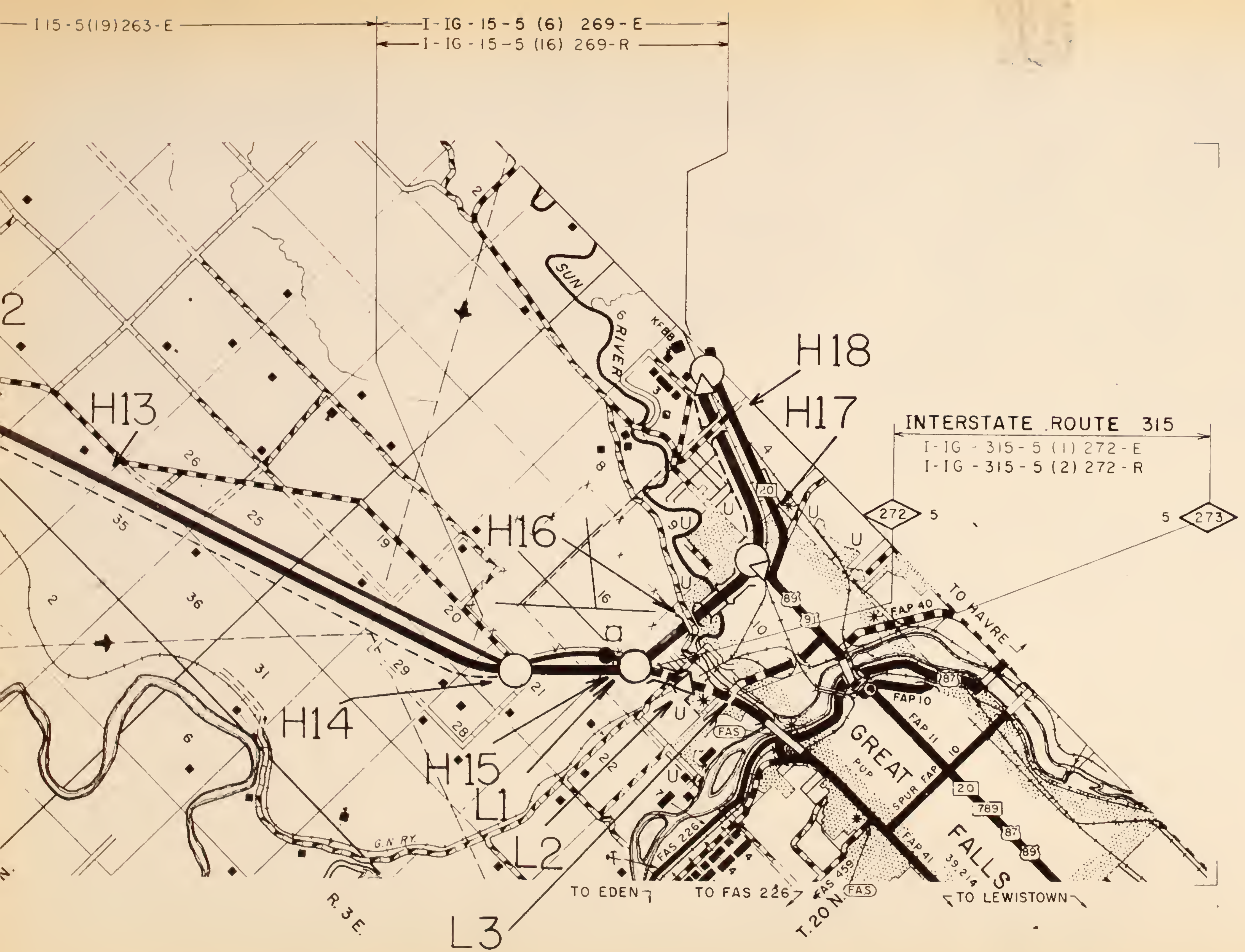
E. H. Cowan Date Aug. 1, 1964

B.P.R. Division Engineer


I-15-4 (3) 209-E
I-IG-15-5 (5) 230-E
TO AUGUSTA
TO U.S. 91 - WOLF CREEK
287
FAP 9
LEWIS & CLARK CO.
CASCADE CO.
H3
H4.0.1
H4.0.2
H5
H6
H7.1
H7.2
Craig
Dog Creek
DEARBORN RIVER
RIVER
MISSOURI
FAP 3
91
Poul Creek
Andy Creek
Pryett Creek
Hardy Creek
Sheep Creek
North
South
Wagner Creek
Stickney Creek
WESTERN AIRLINES
WESTERN
R.3 W.
R.2 W.
R.I W.
T.15 N.
T.16 N.
LEWIS & CLARK CO.
4
230
5


I-IG-15-5 (5) 230-E
I 15-5(13)239-R
I 15-5(13)239-C (9.7mi. Rd-Str-Fence)
I 15-5(17)239-C (Signing-Del)
I 15-5(18)239-C (Seeding)
I-15-5 (3) 250-E-R
I 15-5(14)250-C(
I-15-5(8)250-C (Signing)
I-15-5(2)254-C (Structures)
I-15-5(4)250-C (12.5mi. Rd-Fence)
N
H7.1
H7.2
H8
H9.1
H9.2
H10
H11.0.1
CASCADE
POP. 447
MONTANA PRINCIPAL MERIDIAN
MISSOURI
RIVER
Hardy Creek
Creek
Muddy Creek
Little
Bird Creek
North
GREAT
NO
F.A.S.
F.A.S. 330
82
WESTERN
AIRLINES
WESTERN
AIRLINES
R.I.W.
T.17N.
TO ULM
R.I.E.
T.18N.
CASCADE CO.


I-15-5 (3) 250-E-R
I 15-5(19)263-E
I-IG-15-5 (6) 269
I-IG-15-5 (16) 269-
I 15-5(14)250-C (Seeding)
I-15-5(8)250-C (Signing)
I-15-5(2)254-C (Structures)
I-15-5(4)250-C (12.5mi Rd-Fence)
PRINCIPAL MERIDIAN
Muddy Creek
Little
H10
H11.0.1
H11.0.2
H12
H13
H14
H15
H16
L1
L2
L3
Ulm
FAS
FAS 330
GREAT NORTHERN RAILWAY
RIVER
WESTERN AIRLINES
AIRLINES
SMITH RIVER
SUN RIVER
Coulee
G.N. RY
T. 18 N.
T. 19 N.
R. 2 E.
R. 3 E.
CASCADE CO.
TO CASCADE
TO ED



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- *Toll* TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- U U URBAN AREA BOUNDARY
- 19 POST MILEAGE
- 1 2 ROUTE SECTIONS

SCALE IN MILES

0 1 2 3 4

MONTANA

INTERSTATE ROUTE 15
Sheet 5 of 8
Date January 1, 1964
INTERSTATE ROUTE 315
(COMPLETE ROUTE ON THIS SHEET.)

Sheet 1 of 1

TABLE D - COST ESTIMATES BY ROUTES AND STATE TOTAL

STATE MONTANA

	INTERSTATE ROUTE NUMBER										Subtotals		Totals
	15		90		94		115		315		Rural	Urban	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban			
Length Miles	380.7	6.9	536.7	3.9	247.2	--	0.3	1.1	0.3	0.3	1165.2	12.2	1177.4
WORK CLASSIFICATION													
1. Preliminary Engineering	99	--	862	--	297	--	--	--	--	--	1258	--	1258
2. Right-of-Way	3897	--	6531	--	2469	--	---	--	--	--	12897	--	12897
3. Clear & Grubb; demolition	989	--	2588	9	--	--	--	--	--	--	3577	9	3586
4. Utility Adjustments	651	--	2440	30	779	--	--	--	11	3	3881	33	3914
5. Grade & drain; minor structures	28784	113	52787	742	11295	--	--	5	47	23	92913	883	93796
6. Base; surfacing; shoulders	22263	220	50347	792	13239	--	--	69	51	45	85900	1126	87026
7. R. R. Grade Separations	800	309	4819	664	585	--	--	--	71	--	6275	973	7248
8. Highway Grade Separations W/O ramps	1029	98	4172	347	1038	--	--	--	118	--	6357	445	6802
9. Interchanges, complete	7415	408	13319	776	4000	--	--	128	15	8	24749	1320	26069
10. Other bridges; tunnels	7448	252	6416	--	4579	--	--	--	--	--	18443	252	18695
11. Walls	210	--	--	19	--	--	--	--	--	--	210	19	229
12. Guardrail; fencing; lighting; traffic control devices	3328	59	6422	125	1799	--	--	29	17	17	11566	230	11796
13. Roadside improvement	618	1	1141	3	489	--	--	2	--	--	2248	6	2254
14. All other items	609	45	1155	--	324	--	--	--	--	--	2088	45	2133
15. Subtotal, lines 3 to 14	74144	1505	145606	3507	38127	--	--	233	330	96	258207	5341	263548
16. Construction Engineering & Contingencies 10% of Line 15	7415	150	14559	351	3813	--	--	23	33	10	25820	534	26354
17. Total Estimated Cost	85555	1655	167558	3858	44706	--	--	256	363	106	298182	5875	304057
18. Route Total, Rural plus Urban	87210		171416		44706		256		469				

Signatures: Paul M. Johnson Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION													
	G 1 - G 2	G 2 - G 3	G 3 - G 4	G 4 - G 5	G 5 - G 6	G 6 - G 7	G 7 - G 8.1	G 8.1 - G 8.2	G 8.2.- G 9	G 9 - G 10	G 10 - G 11.1	G 11.1 - G 11.2	G 11.2 - G 12	G 12 - G 13
Section length, miles (0.1 mile)	1.6	10.5	5.0	6.0	1.9	12.2	7.8	5.4	3.8	2.9	6.5	9.8	2.8	9.1
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	E	E	E	N	N	N	N	E	E	N	N	N	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	4	4	4	2	2	4	4	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	23	22	22	22	23	23	23	23	22	22	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	22	68	52	79	34	169	63	60	91	59	142	126	34	170
2. Right-of-way	1	3	1	106	26	97	4	15	27	95	238	125	26	67
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	31	--	--	15
4. Utility adjustments	--	--	--	8	1	42	--	--	10	13	6	3	--	--
5. Grade & Drain; minor structures	83	391	253	396	103	804	317	234	371	371	617	689	256	954
6. Base; surfacing; shoulders	94	648	293	769	249	1556	470	406	485	385	933	1064	303	996
7. R.R. grade separations	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	100	--	185	99	--	99	43	22	--	--	99	99	--	197
9. Interchanges, complete	89	58	89	--	203	207	75	--	207	207	407	207	--	--
10. Other bridges; tunnels	--	--	--	--	--	--	126	293	259	--	239	--	--	649
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	6	50	24	60	29	92	43	57	29	22	73	74	21	68
13. Roadside improvement	1	5	3	6	2	76	4	3	68	3	7	10	3	9
14. All other items	--	--	33	--	--	--	--	--	124	--	--	--	--	--
15. Subtotal, lines 3 to 14	373	1152	880	1338	587	2876	1078	1015	1553	1001	2412	2146	583	2888
16. Construction Engineering & Contingencies, 10% of line 15	37	115	88	134	59	288	108	102	155	100	241	215	58	289
17. Total Estimated Cost	433	1338	1021	1657	706	3430	1253	1192	1826	1255	3033	2612	701	3414

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 15

	ITEM	ESTIMATE SECTION													
		G 13 - G 14	G 14 - G 15	G 16 - G 17.0.1	G 17.0.2- G 18.1	G 18.1 - G 18.2	G 18.2 - G 18.3	G 21 - G 22.1	G 22.1 - G 22.2	G 23.0.1- G 23.0.2	G 23.0.2- G 24	G 25.0.1 - G 25.0.2	G 31.2 - G 32.0.1	G 32.0.1- G 32.0.2	H 7.2 - H 8
	Section length, miles (0.1 mile)	5.7	3.3	10.2	1.7	1.3	1.7	3.6	3.6	3.2	3.2	4.3	1.0	4.0	2.5
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	N	E	E	E	E	N	N	N	E	E	E	E	E
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	No. Lanes to be constructed this estimate	4	4	4	4	4	2	4	4	4	4	4	2	2	2
	No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Finance Code	23	23	22	22	22	22	23	23	23	22	22	22	22	22
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	108	46	154	21	30	13	232	74	107	49	83	7	27	24
2.	Right-of-way	93	25	93	11	8	3	--	38	110	10	43	--	--	--
3.	Clear & grub; demolition	31	--	--	--	--	--	31	6	--	--	--	--	--	--
4.	Utility adjustments	3	1	3	--	1	--	23	13	3	3	38	--	--	--
5.	Grade & Drain; minor structures	551	252	1023	133	125	101	2930	499	920	373	795	44	177	139
6.	Base; surfacing; shoulders	730	438	1304	217	166	121	603	423	383	412	490	66	264	159
7.	R.R. grade separations	274	--	--	--	--	--	240	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	--	--	--	--	--	--	--	--	121	--	--	--	--	--
9.	Interchanges, complete	203	--	177	--	203	--	--	237	237	--	--	--	--	95
10.	Other bridges; tunnels	--	--	--	--	--	--	--	--	127	--	40	--	--	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	43	25	92	13	9	5	76	81	33	24	47	10	16	15
13.	Roadside improvement	6	67	10	2	1	1	4	4	3	3	4	1	2	1
14.	All other items	--	--	18	--	--	--	43	--	--	18	--	--	8	--
15.	Subtotal, lines 3 to 14	1841	783	2627	365	505	228	3950	1263	1827	833	1414	121	467	409
16.	Construction Engineering & Contingencies, 10% of line 15	184	78	263	37	51	23	395	126	183	83	141	12	47	41
17.	Total Estimated Cost	2226	932	3137	434	594	267	4577	1501	2227	975	1681	140	541	474

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 15

ITEM	ESTIMATE SECTION											Subtotals		
	I 6.1 - I 6.2	I 6.2 - I 7	I 7 - I 8.1	I 8.1 - I 8.2	I 8.2 - I 9							Rural	Urban	Totals
Section length, miles (0.1 mile)	2.6	12.0	9.2	4.2	3.3							225.7	--	225.7
Class: Rural or Urban	R	R	R	R	R							xxx	xxx	xxx
Location: Existing, new or toll	E	E	E	E	E							xxx	xxx	xxx
Design Code: 1, 2 or 3	1	1	1	1	1							xxx	xxx	xxx
No. Lanes to be constructed this estimate	2	2	4	2	2							xxx	xxx	xxx
No. through traffic lanes	4	4	4	4	4							xxx	xxx	xxx
Finance Code	22	22	22	22	22							xxx	xxx	xxx
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	15	100	151	40	36							3152	--	3152
2. Right-of-way	7	35	112	--	5							2541	--	2541
3. Clear & grub; demolition	--	--	--	--	--							114	--	114
4. Utility adjustments	--	--	--	--	--							298	--	298
5. Grade & Drain; minor structures	79	485	900	162	187							19267	--	19267
6. Base; surfacing; shoulders	173	849	1250	268	210							22760	--	22760
7. R.R. grade separations	--	--	--	111	--							625	--	625
8. Highway grade separations without ramps	--	94	138	--	--							1740	--	1740
9. Interchanges, complete	--	175	174	110	206							4652	--	4652
10. Other bridges; tunnels	--	--	--	--	--							1781	--	1781
11. Walls	--	--	--	--	--							--	--	--
12. Guardrail; fencing; lighting; traffic control devices	9	58	96	21	12							1757	--	1757
13. Roadside improvement	2	38	9	2	2							408	--	408
14. All other items	--	--	--	--	--							244	--	244
15. Subtotal, lines 3 to 14	263	1699	2567	674	617							53646	--	53646
16. Construction Engineering & Contingencies, 10% of line 15	26	170	257	67	62							5367	--	5367
17. Total Estimated Cost	311	2004	3087	781	720							64706	--	64706

Signatures: Paul Johnson Date: Aug. 1, 1964

State Highway Engineer

E. H. Cowan Date: Aug. 1, 1964

B.P.R. Division Engineer

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 3

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	A 8.3 - A 9.1	A 9.1 - A 9.2	A 12.3 - A 12.4	A 12.4 - A 13.1	A 13.1 - A 13.3	A 13.3 - A 14	A 14 - A 15.0.1	A 15.0.2- A 16	A 16 - A 17	A 17 - A 18	B 2.1 - B 2.2	B 17.2 - B 18	C 14 - C 15.1	C 15.1 - C 15.2
Section length, miles (0.1 mile)	1.4	2.3	1.0	0.8	1.5	4.3	3.7	1.7	2.2	0.9	7.6	5.2	4.7	7.7
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	E	N	E	E	E	N	E	N	N	E	N	N	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	4	4	4	4	2	2	2	2	4	2	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	22	23	22	22	22	23	22	23	23	22	23	23	22	22
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	28	43	9	27	68	145	38	12	32	38	68	100	6	62
2. Right-of-way	--	--	--	5	--	--	--	--	--	--	--	86	--	53
3. Clear & grub; demolition	--	--	--	40	30	93	--	--	--	--	--	--	--	--
4. Utility adjustments	--	--	--	15	15	30	--	--	--	--	--	5	--	--
5. Grade & Drain; minor structures	166	221	67	283	273	845	193	89	313	81	308	790	41	322
6. Base; surfacing; shoulders	75	123	79	100	177	505	350	108	140	57	545	663	62	551
7. R.R. grade separations	--	--	--	--	576	150	--	--	--	--	--	--	--	--
8. Highway grade separations without ramps	--	23	--	--	--	--	--	--	51	--	114	--	--	--
9. Interchanges, complete	--	--	--	--	--	338	--	--	--	--	91	203	--	52
10. Other bridges; tunnels	--	354	--	--	354	385	--	--	27	500	55	--	--	85
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	18	3	--	20	22	52	14	2	18	8	42	99	--	4
13. Roadside improvement	1	1	1	1	2	4	83	1	1	--	4	5	--	4
14. All other items	215	--	--	--	66	66	--	--	--	--	--	--	--	33
15. Subtotal, lines 3 to 14	475	725	147	459	1515	2468	640	200	550	646	1159	1765	103	1051
16. Construction Engineering & Contingencies, 10% of line 15	48	73	15	46	152	247	64	20	55	65	116	177	10	105
17. Total Estimated Cost	551	841	171	537	1735	2860	742	232	637	749	1343	2128	119	1271

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 3

STATE MONTANA

INTERSTATE ROUTE NO. 90

	ITEM	ESTIMATE SECTION													
		C 15.2 - C 15.3	D 4.2 - D 5.1	D 5.1 - D 5.2	D 5.3 - D 6	D 6 - D 7.1	D 7.1 - D 7.2.1	M 3 - M 4	M 6 - M 7	M 7 - M 8.0.1	M 8.0.1 - M 8.0.2	M 8.0.2 - M 9	M 9 - M 10	M 11 - M 12	M 14 - M 15
	Section length, miles (0.1 mile)	0.7	1.0	0.3	2.7	2.4	2.0	2.5	8.0	7.4	5.1	2.8	2.4	5.1	0.8
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	E	N	N	E	E	E	N	N	N	N	E	E	E	E
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	No. Lanes to be constructed this estimate	2	2	2	2	2	2	4	4	4	4	4	2	2	2
	No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Finance Code	22	23	23	22	22	22	23	23	23	23	22	22	22	22
	WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1.	Preliminary engineering	8	10	2	22	57	21	37	122	106	98	113	15	32	13
2.	Right-of-way	2	--	--	5	--	--	48	74	226	442	376	--	--	--
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	31	--	--	--
4.	Utility adjustments	--	--	--	--	--	--	1	9	3	18	10	--	--	--
5.	Grade & Drain; minor structures	67	46	19	176	250	78	296	562	574	465	240	93	181	46
6.	Base; surfacing; shoulders	52	76	22	168	153	128	298	957	1062	736	416	158	337	58
7.	R.R. grade separations	--	--	--	--	92	--	--	193	--	127	178	--	--	--
8.	Highway grade separations without ramps	--	41	--	10	23	--	--	69	69	--	99	--	--	--
9.	Interchanges, complete	--	--	--	--	112	107	--	203	--	203	203	--	--	--
10.	Other bridges; tunnels	--	--	--	--	318	40	--	--	--	48	706	--	--	113
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	5	--	--	18	15	--	26	77	83	62	36	9	18	3
13.	Roadside improvement	--	1	--	1	1	1	3	8	7	5	3	1	3	--
14.	All other items	10	--	--	--	--	--	--	--	--	--	--	--	--	--
15.	Subtotal, lines 3 to 14	134	164	41	373	964	354	624	2078	1798	1664	1922	261	539	220
16.	Construction Engineering & Contingencies, 10% of line 15	13	16	4	37	96	35	62	208	180	166	192	26	54	22
17.	Total Estimated Cost	157	190	47	437	1117	410	771	2482	2310	2370	2603	302	625	255

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 3

STATE MONTANA

INTERSTATE ROUTE NO. 90

ITEM	ESTIMATE SECTION													
	M 15 - M 16	M 18 - M 19	M 19 - M 20	M 20 - M 21										Totals
Section length, miles (0.1 mile)	6.6	12.7	5.4	4.2										117.1
Class: Rural or Urban	R	R	R	R										R
Location: Existing, new or toll	E	E	E	E										xxx
Design Code: 1, 2 or 3	1	1	1	1										xxx
No. Lanes to be constructed this estimate	4	4	4	4										xxx
No. through traffic lanes	4	4	4	4										xxx
Finance Code	22	22	22	22										xxx
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	84	180	103	52										1751
2. Right-of-way	41	143	194	30										1725
3. Clear & grub; demolition	--	31	--	--										225
4. Utility adjustments	--	52	54	6										218
5. Grade & Drain; minor structures	325	993	615	281										9299
6. Base; surfacing; shoulders	547	1499	721	536										11459
7. R.R. grade separations	--	--	--	--										1316
8. Highway grade separations without ramps	193	193	97	--										982
9. Interchanges, complete	205	--	205	--										1922
10. Other bridges; tunnels	113	111	--	--										3209
11. Walls	--	--	--	--										--
12. Guardrail; fencing; lighting; traffic control devices	50	95	41	32										872
13. Roadside improvement	3	76	5	4										230
14. All other items	--	19	--	27										436
15. Subtotal, lines 3 to 14	1436	3069	1738	886										30168
16. Construction Engineering & Contingencies, 10% of line 15	144	307	174	89										3018
17. Total Estimated Cost	1705	3699	2209	1057										36662

Signatures:

State Highway Engineer — Date: Aug. 1, 1964

E. H. Cowan
B.P.R. Division Engineer — Date: Aug. 1, 1964

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 94

	ITEM	ESTIMATE SECTION													
		D 18 - D 19	D 19 - D 20.1	D 20.1 - D 20.2	D 20.2 - D 21.1	D 21.1 - D 21.2	D 21.2 - D 22.1	D 22.1 - D 22.2	D 22.2 - D 23	D 23 - D 24	D 24 - D 25.0.2	D 25.0.2 - D 26.1	D 26.1 - D 26.2	D 26.2 - D 27	D 27 - E 1
	Section length, miles (0.1 mile)	10.1	6.8	1.9	3.4	7.0	1.0	4.0	1.3	1.0	3.6	2.0	5.6	4.1	5.7
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
	Location: Existing, new or toll	N	E	E	E	E	E	N	N	N	N	N	N	N	N
	Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	2	2	2	2	2	4	4
	No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Finance Code	23	22	22	22	22	22	23	23	23	23	23	23	23	23
	WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1.	Preliminary engineering	212	114	36	49	106	13	91	30	13	32	16	56	90	91
2.	Right-of-way	--	252	35	18	182	98	90	--	--	--	--	9	75	34
3.	Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4.	Utility adjustments	34	6	15	16	165	8	13	--	--	--	--	--	3	10
5.	Grade & Drain; minor structures	1368	512	267	228	492	82	519	79	51	190	131	306	513	551
6.	Base; surfacing; shoulders	1294	902	242	434	893	128	578	86	66	238	132	404	588	818
7.	R.R. grade separations	172	--	--	--	--	--	--	--	--	--	--	--	--	--
8.	Highway grade separations without ramps	186	--	--	--	197	--	--	--	--	99	--	99	--	99
9.	Interchanges, complete	213	207	--	--	--	--	410	--	77	--	--	99	233	--
10.	Other bridges; tunnels	242	201	49	99	--	--	--	330	--	--	--	--	69	--
11.	Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12.	Guardrail; fencing; lighting; traffic control devices	99	51	44	26	53	8	35	5	12	11	6	36	55	67
13.	Roadside improvement	10	70	2	3	7	1	4	1	1	4	1	3	68	6
14.	All other items	--	--	--	28	--	--	--	8	10	10	--	10	--	--
15.	Subtotal, lines 3 to 14	3618	1949	619	834	1807	227	1559	509	217	552	270	957	1529	1551
16.	Construction Engineering & Contingencies, 10% of line 15	362	195	62	83	181	23	156	51	22	55	27	96	153	155
17.	Total Estimated Cost	4192	2510	752	984	2276	361	1896	590	252	639	313	1118	1847	1831

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 2 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	E 1 - E 2.1	E 2.1 - E 2.2	E 2.2 - E 3	E 3 - E 4	E 4 - E 5	E 5 - E 6	E 6 - E 7	E 7 - E 8	E 8 - E 9.0.1	E 9.0.1 - E 9.0.2	E 9.0.3 - E 10	E 10 - E 11	E 11 - E 12	E 12 - E 13
Section length, miles (0.1 mile)	6.3	2.5	5.4	2.5	6.9	5.0	7.1	4.9	8.6	6.4	1.2	1.2	3.0	4.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	N	N	N	E	E	E	E	E	E	N	N	N	N
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	2	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	23	23	23	23	22	22	22	22	22	22	23	23	23	23
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	95	35	118	57	107	101	135	51	87	78	25	25	43	45
2. Right-of-way	26	26	16	434	50	83	121	--	--	--	--	--	--	--
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	11	1	98	18	11	1	4	--	--	--	--	--	--	--
5. Grade & Drain; minor structures	507	116	417	270	679	444	950	243	747	656	56	126	258	219
6. Base; surfacing; shoulders	904	359	775	330	880	645	905	352	624	615	121	121	303	494
7. R.R. grade separations	--	--	118	--	--	--	--	--	--	--	--	--	75	--
8. Highway grade separations without ramps	127	99	99	99	197	--	99	22	--	--	80	61	--	49
9. Interchanges, complete	--	--	207	207	--	413	--	207	76	21	--	105	85	--
10. Other bridges; tunnels	--	--	191	--	--	175	175	32	--	--	165	--	--	--
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	62	19	93	38	59	45	83	6	35	29	--	15	14	3
13. Roadside improvement	6	3	11	3	7	5	71	2	4	3	1	1	2	2
14. All other items	--	--	--	--	--	--	25	10	--	10	--	--	--	--
15. Subtotal, lines 3 to 14	1617	597	2009	965	1833	1728	2312	874	1486	1334	423	429	737	767
16. Construction Engineering & Contingencies, 10% of line 15	162	60	201	96	183	173	231	87	149	133	42	43	74	77
17. Total Estimated Cost	1900	718	2344	1552	2173	2085	2799	1012	1722	1545	490	497	854	889

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 3 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	E 13 - E 14	E 14 - E 15.1	E 15.1 - E 15.2	E 15.2 - F 1	F 1 - F 2	F 2 - F 3	F 3 - F 4	F 4 - F 5	F 5 - F 6	F 6 - F 7	F 7 - F 8	F 8 - F 9	F 9 - F 10	F 10 - F 11
Section length, miles (0.1 mile)	2.5	5.2	1.9	6.5	6.2	4.9	3.8	2.5	3.9	2.2	0.2	3.9	7.8	5.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll	N	E	E	E	E	N	N	E	E	E	E	E	E	E
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	4	4	4	4	4	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Finance Code	23	22	22	22	22	23	23	22	22	22	22	22	22	22
WORK CLASSIFICATION					ESTIMATED COSTS (1000 Dollars)									
1. Preliminary engineering	27	122	28	127	92	113	71	71	64	72	80	60	120	82
2. Right-of-way	--	35	9	128	244	90	37	44	115	37	--	13	40	25
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4. Utility adjustments	--	10	4	15	34	7	5	37	109	3	3	--	--	1
5. Grade & Drain; minor structures	201	1047	180	759	544	393	291	435	327	216	--	301	488	375
6. Base; surfacing; shoulders	252	675	273	947	897	703	559	359	497	281	--	497	995	718
7. R.R. grade separations	--	--	--	--	--	--	--	358	--	201	--	--	--	--
8. Highway grade separations without ramps	--	--	--	--	--	--	78	--	115	--	--	99	--	--
9. Interchanges, complete	--	203	--	207	--	--	213	--	--	235	--	--	203	--
10. Other bridges; tunnels	--	--	--	191	48	763	40	--	--	183	1366	56	271	231
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12. Guardrail; fencing; lighting; traffic control devices	14	84	17	49	47	55	29	26	30	47	--	59	89	72
13. Roadside improvement	1	69	2	7	6	5	4	3	4	66	--	4	8	6
14. All other items	--	--	--	--	--	--	--	--	10	--	--	--	--	--
15. Subtotal, lines 3 to 14	468	2088	476	2175	1576	1926	1219	1218	1092	1232	1369	1016	2054	1403
16. Construction Engineering & Contingencies, 10% of line 15	47	209	48	218	158	193	122	122	109	123	137	102	205	140
17. Total Estimated Cost	542	2454	561	2648	2070	2322	1449	1455	1380	1464	1586	1191	2419	1650

1965 ESTIMATE

SUPPLEMENTARY REPORT

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 4 OF 4

STATE MONTANA

INTERSTATE ROUTE NO. 94

ITEM	ESTIMATE SECTION													
	F 11 - F 12	F 12 - F 13.1	F 13.1 - F 13.2	F 13.2 - F 14	F 14 - F 15	F 15 - F 16	F 16 - F 17.1	F 17.1 - F 17.2	F 17.2 - F 18	F 18 - F 19	F 19 - F 20	F 20 F 21		Totals
Section length, miles (0.1 mile)	5.7	1.7	1.7	1.4	0.4	3.0	1.5	2.7	12.8	4.6	4.7	5.9		226.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R		xxx
Location: Existing, new or toll	E	E	N	N	N	E	E	E	N	E	E	E		xxx
Design Code: 1, 2 or 3	1	1	1	1	1	1	1	1	1	1	1	1		xxx
No. Lanes to be constructed this estimate	4	4	4	4	4	4	2	2	2	2	2	2		xxx
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4		xxx
Finance Code	22	22	23	23	23	22	22	22	23	22	22	22		xxx
WORK CLASSIFICATION	ESTIMATED COSTS (1000 Dollars)													
1. Preliminary engineering	106	44	66	62	205	93	13	34	122	45	49	47		3966
2. Right-of-way	44	--	--	--	--	--	--	--	30	--	--	--		2440
3. Clear & grub; demolition	--	--	--	--	--	--	--	--	--	--	--	--		--
4. Utility adjustments	1	24	24	20	6	42	--	--	--	--	--	--		759
5. Grade & Drain; minor structures	589	173	125	335	--	477	95	180	684	214	264	160		19830
6. Base; surfacing; shoulders	728	217	220	179	--	394	108	194	923	341	343	425		25956
7. R.R. grade separations	--	--	--	255	--	--	--	--	--	--	--	--		1179
8. Highway grade separations without ramps	--	69	78	--	--	--	--	--	--	--	--	--		2051
9. Interchanges, complete	203	244	623	211	--	209	--	203	360	203	112	207		6196
10. Other bridges; tunnels	207	--	--	--	3500	159	--	--	42	--	93	--		8878
11. Walls	--	--	--	--	--	--	--	--	--	--	--	--		--
12. Guardrail; fencing; lighting; traffic control devices	65	25	54	50	--	38	15	6	29	5	5	2		1921
13. Roadside improvement	6	2	2	1	--	3	1	1	38	2	2	3		548
14. All other items	10	--	--	--	--	270	--	--	--	--	20	--		421
15. Subtotal, lines 3 to 14	1809	754	1126	1051	3506	1592	219	584	2076	765	839	797		67739
16. Construction Engineering & Contingencies, 10% of line 15	181	75	113	105	351	159	22	58	208	77	84	80		6778
17. Total Estimated Cost	2140	873	1305	1218	4062	1844	254	676	2436	887	972	924	80919	80923

Signatures:

State Highway Engineer

Date: Aug. 1, 1964

E. H. Cowan

B.P.R. Division Engineer

Date: Aug. 1, 1964